

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018669.D
 Acq On : 28 Jan 2019 18:08
 Operator : JU/SJ
 Sample : PB116655BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

Manual Integrations
 APPROVED

mohammad
 1/29/2019 10:06:41 AM

Quant Time: Jan 29 00:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	199135	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	782581	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	442729	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1009388	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1113553	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1131980	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1551205	143.84	ng	-0.01
7) Phenol-d6	6.90	99	1928846	140.82	ng	0.00
23) Nitrobenzene-d5	8.89	82	1065998	78.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	820220	145.50	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	2646208	77.99	ng	-0.01
79) Terphenyl-d14	19.76	244	4434245	83.94	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	151874	34.552	ng	99
3) Pyridine	3.66	79	412271	37.621	ng	97
4) n-Nitrosodimethylamine	3.58	42	203154	44.831	ng	# 93
6) Aniline	7.06	93	469884	30.752	ng	99
8) 2-Chlorophenol	7.29	128	524408	41.635	ng	94
9) Benzaldehyde	6.88	77	116910	12.287	ng	98
10) Phenol	6.93	94	575149	41.321	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	418588	38.273	ng	95
12) 1,3-Dichlorobenzene	7.61	146	568165	37.878	ng	99
13) 1,4-Dichlorobenzene	7.76	146	581289	38.235	ng	99
14) 1,2-Dichlorobenzene	8.07	146	559010	38.777	ng	99
15) Benzyl Alcohol	7.97	79	405172	40.954	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	536781	38.405	ng	95
17) 2-Methylphenol	8.17	107	394144	41.717	ng	97
18) Hexachloroethane	8.79	117	209167	38.586	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	337689	37.883	ng	94
20) 3+4-Methylphenols	8.50	107	537312	41.196	ng	98
22) Acetophenone	8.55	105	698904	36.102	ng	# 98
24) Nitrobenzene	8.93	77	505550	38.061	ng	96
25) Isophorone	9.45	82	898970	43.976	ng	99
26) 2-Nitrophenol	9.64	139	273521	42.587	ng	98
27) 2,4-Dimethylphenol	9.69	122	448436	46.582	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	559907	39.649	ng	98
29) 2,4-Dichlorophenol	10.16	162	480479	41.915	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	540022	37.954	ng	99
31) Naphthalene	10.57	128	1547243	41.053	ng	100
32) Benzoic acid	9.83	122	319303m	49.092	ng	
33) 4-Chloroaniline	10.69	127	303407	20.441	ng	98
34) Hexachlorobutadiene	10.83	225	325982	36.265	ng	98
35) Caprolactam	11.49	113	132776m	34.068	ng	
36) 4-Chloro-3-methylphenol	11.81	107	484170	40.259	ng	99
37) 2-Methylnaphthalene	12.18	142	1134960	42.621	ng	99
38) 1-Methylnaphthalene	12.40	142	1078057	41.841	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	590564	38.145	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018669.D
 Acq On : 28 Jan 2019 18:08
 Operator : JU/SJ
 Sample : PB116655BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

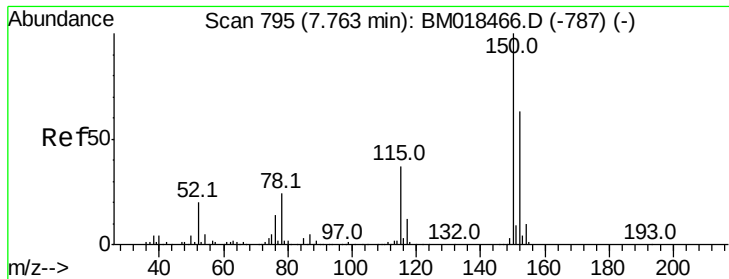
Manual Integrations
 APPROVED

mohammad
 1/29/2019 10:06:41 AM

Quant Time: Jan 29 00:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	656224	77.230	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	391308	41.621	ng	100
44) 2,4,5-Trichlorophenol	12.87	196	422132	42.692	ng	97
46) 1,1'-Biphenyl	13.20	154	1431617	37.034	ng	99
47) 2-Chloronaphthalene	13.25	162	1120668	37.384	ng	99
48) 2-Nitroaniline	13.46	65	295049	40.007	ng	98
49) Acenaphthylene	14.10	152	1808386	41.395	ng	100
50) Dimethylphthalate	13.84	163	1381158	37.986	ng	99
51) 2,6-Dinitrotoluene	13.96	165	301570	39.155	ng	97
52) Acenaphthene	14.44	154	1035279	38.732	ng	99
53) 3-Nitroaniline	14.30	138	208484	26.850	ng	98
54) 2,4-Dinitrophenol	14.50	184	329053	79.018	ng	94
55) Dibenzofuran	14.77	168	1682968	38.107	ng	99
56) 4-Nitrophenol	14.61	139	553632	82.533	ng	96
57) 2,4-Dinitrotoluene	14.75	165	424500	38.954	ng	98
58) Fluorene	15.43	166	1353400	41.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	382850	43.683	ng	97
60) Diethylphthalate	15.20	149	1400587	38.157	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	696396	36.726	ng	99
62) 4-Nitroaniline	15.47	138	291599	34.430	ng	98
63) Azobenzene	15.72	77	1157898	38.691	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	217421	35.390	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1187536	37.927	ng	100
67) 4-Bromophenyl-phenylether	16.32	248	421651	37.329	ng	98
68) Hexachlorobenzene	16.42	284	470631	37.218	ng	99
69) Atrazine	16.60	200	429630	37.955	ng	99
70) Pentachlorophenol	16.77	266	609267	73.568	ng	98
71) Phenanthrene	17.17	178	2190209	40.794	ng	100
72) Anthracene	17.26	178	2213685	42.878	ng	100
73) Carbazole	17.54	167	2014218	37.974	ng	99
74) Di-n-butylphthalate	18.09	149	2402546	41.351	ng	99
75) Fluoranthene	19.19	202	2630734	42.500	ng	98
77) Benzidine	19.39	184	1400398	50.932	ng	100
78) Pyrene	19.56	202	2734872	41.434	ng	100
80) Butylbenzylphthalate	20.46	149	1173967	41.681	ng	98
81) Benzo(a)anthracene	21.30	228	2723119	41.510	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	731706	29.496	ng	99
83) Chrysene	21.36	228	2568784	40.550	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1690095	41.555	ng	100
85) Di-n-octyl phthalate	22.12	149	2957174	43.230	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3120011	42.713	ng	97
88) Benzo(b)fluoranthene	22.90	252	2696961	41.966	ng	99
89) Benzo(k)fluoranthene	22.95	252	2661366	41.093	ng	99
90) Benzo(a)pyrene	23.49	252	2639520	42.902	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	2623143	42.078	ng	98
92) Benzo(g,h,i)perylene	26.60	276	2563876	42.263	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

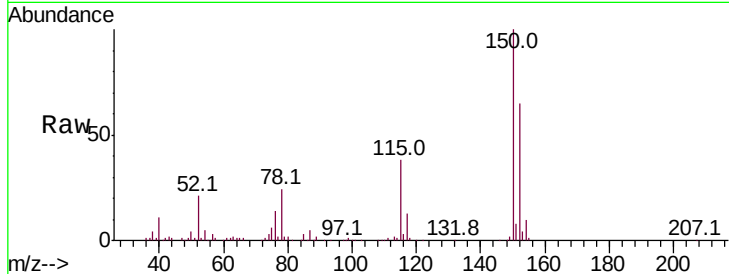
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampled :
PB116655BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.9	190.3
115	57.8	45.5	68.3

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM

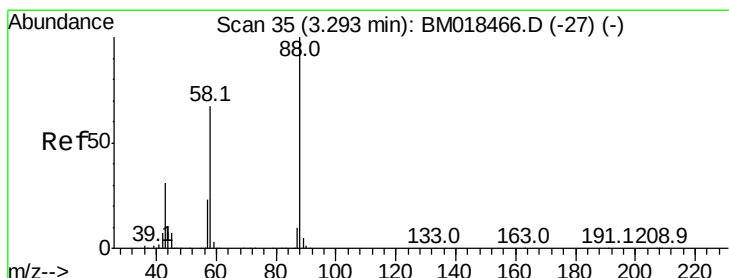
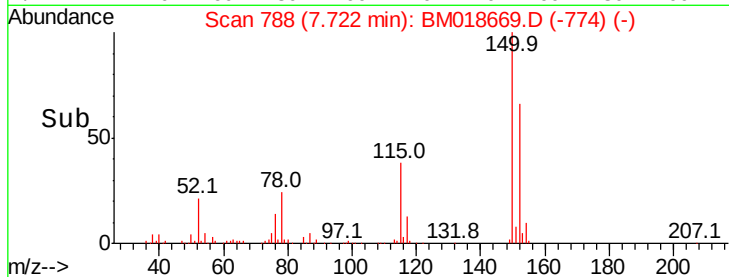
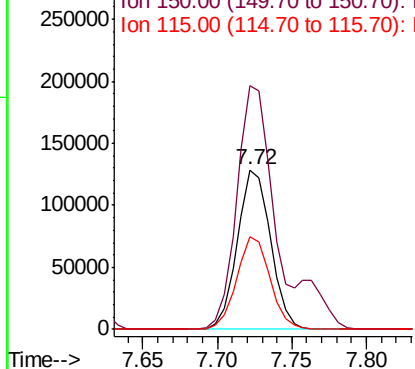


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

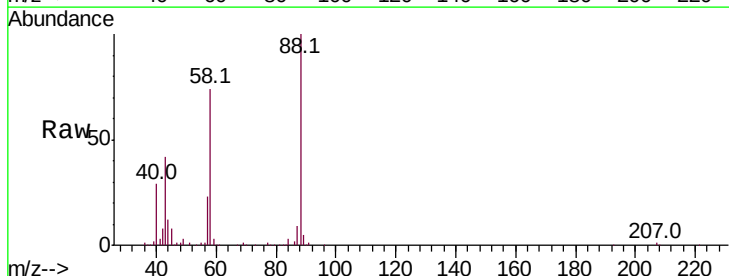
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.552 ng
RT: 3.26 min Scan# 29
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.4	87.6
43	33.4	26.2	39.4

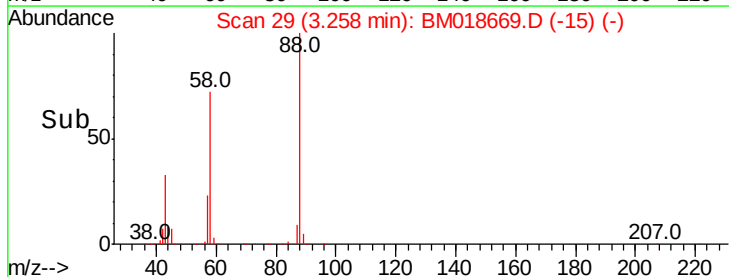
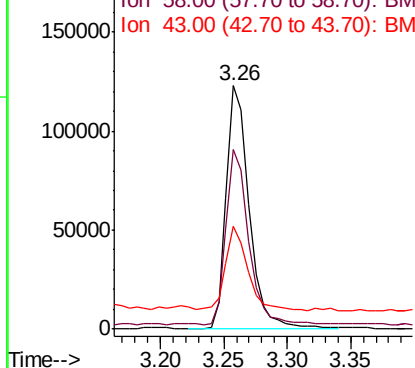


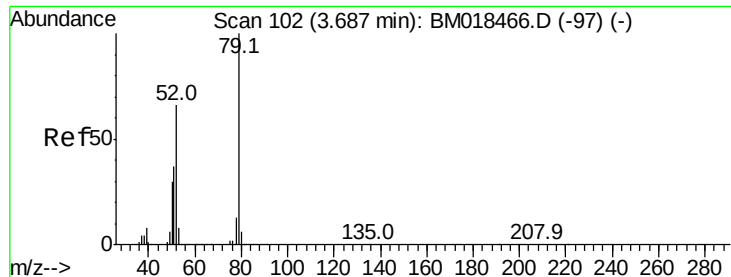
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 37.621 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

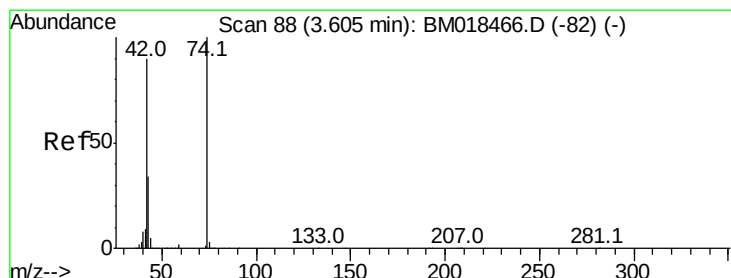
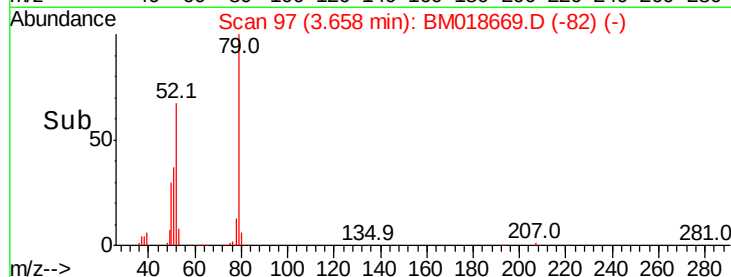
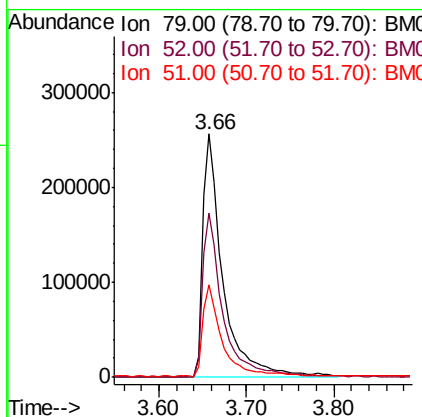
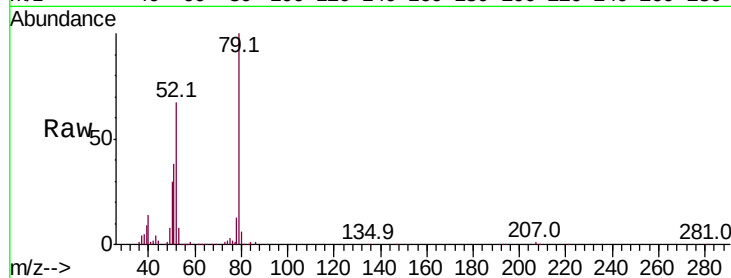
ClientSampleId :

PB116655BS

Tot Ion:	79	Resp:	412271
Ion	Ratio	Lower	Upper
79	100		
52	67.4	56.4	84.6
51	37.8	31.0	46.4

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#4

n-Nitrosodimethylamine

Concen: 44.831 ng

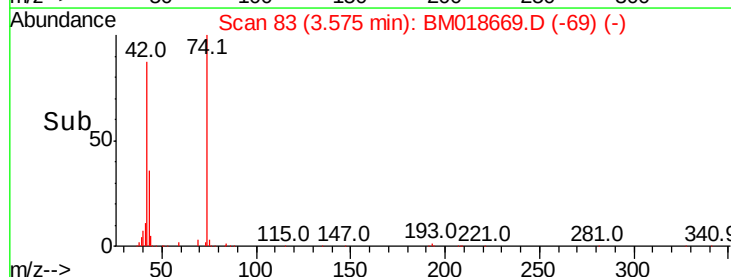
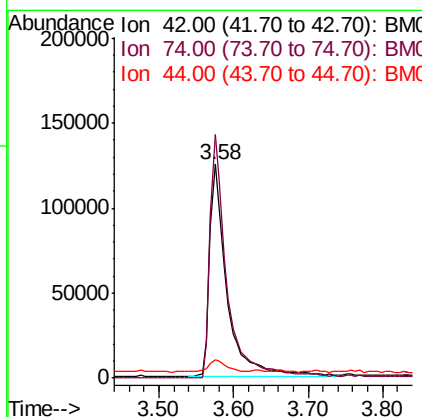
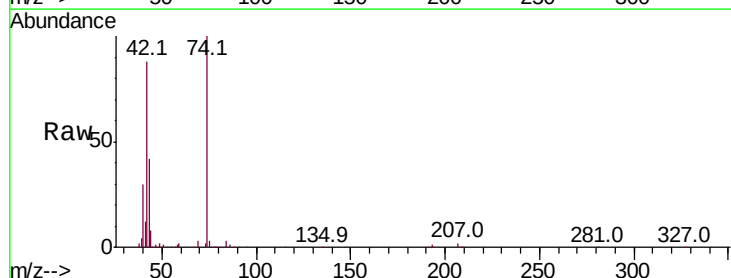
RT: 3.58 min Scan# 83

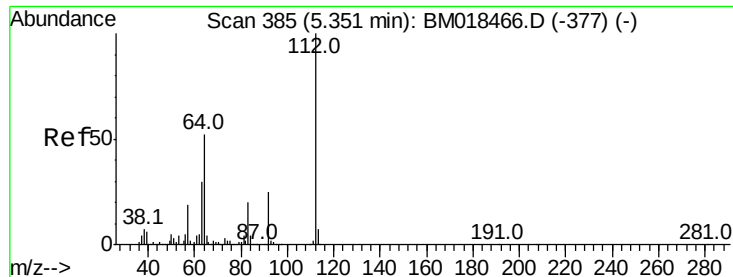
Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	42	Resp:	203154
Ion	Ratio	Lower	Upper
42	100		
74	113.7	88.6	132.8
44	8.8	16.9	25.3#





#5

2-Fluorophenol

Concen: 143.836 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

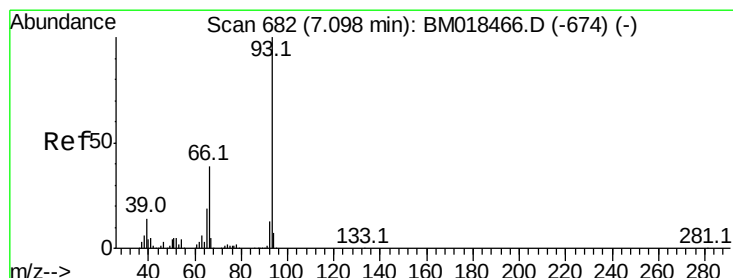
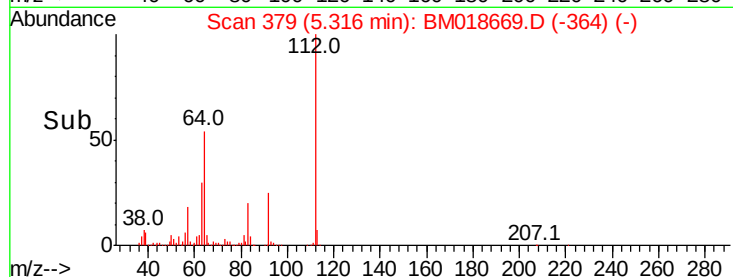
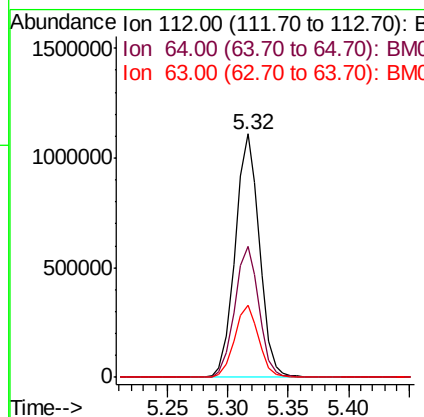
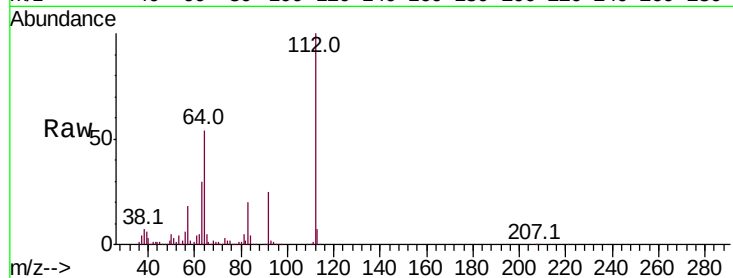
ClientSampleId :

PB116655BS

Tot Ion:	112	Resp:	1551205
Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.5	69.7
63	29.7	25.2	37.8

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#6

Aniline

Concen: 30.752 ng

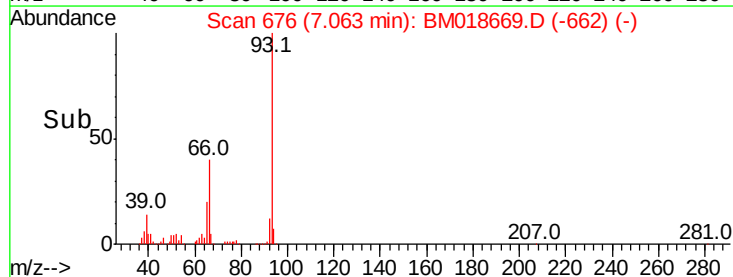
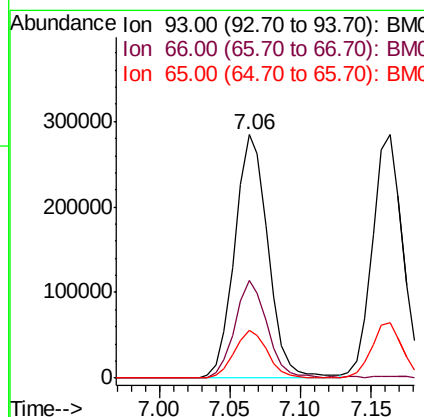
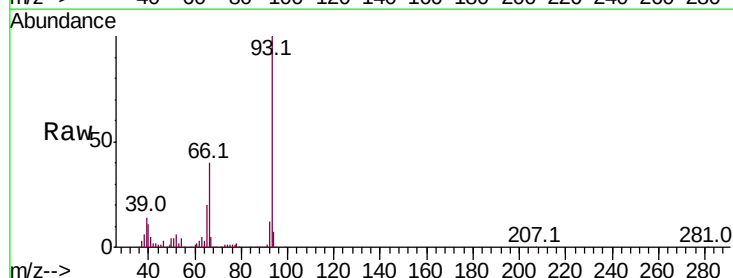
RT: 7.06 min Scan# 676

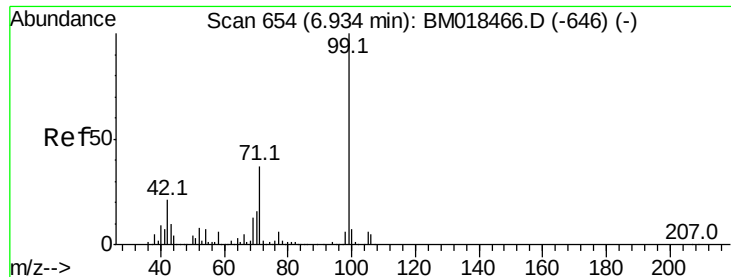
Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	93	Resp:	469884
Ion	Ratio	Lower	Upper
93	100		
66	40.2	31.7	47.5
65	19.8	15.9	23.9





#7

Phenol-d6

Concen: 140.816 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tot Ion: 99 Resp: 1928846

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

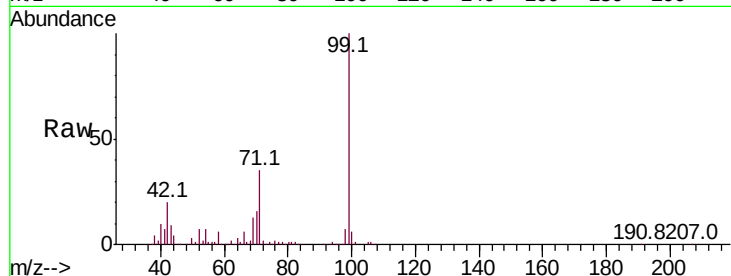
71 35.1 28.0 42.0

Manual Integrations

APPROVED

mohammad

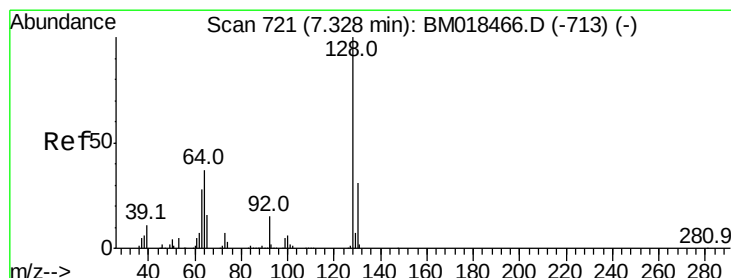
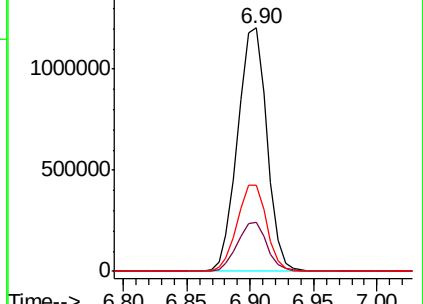
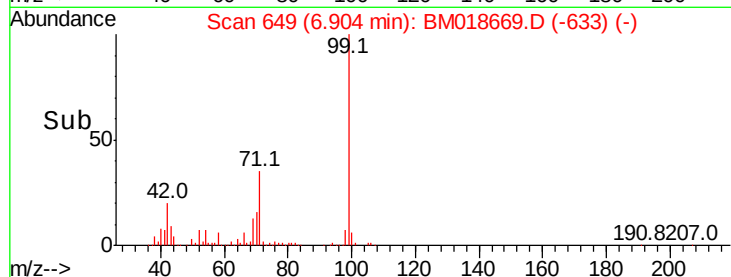
1/29/2019 10:06:41 AM



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 41.635 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

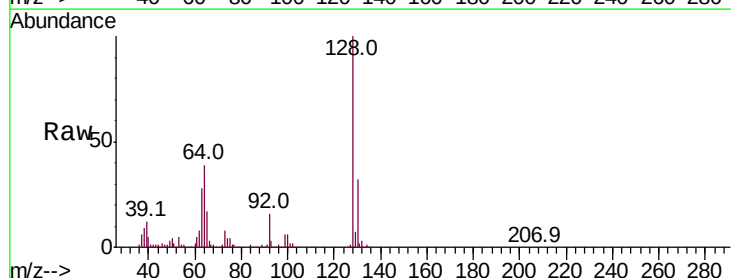
Tgt Ion: 128 Resp: 524408

Ion Ratio Lower Upper

128 100

130 32.4 13.6 53.6

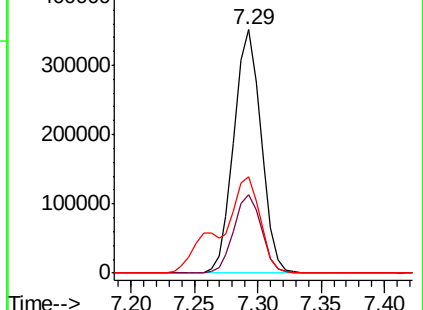
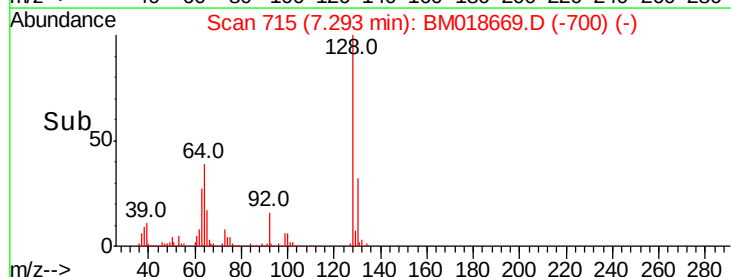
64 39.4 24.8 64.8

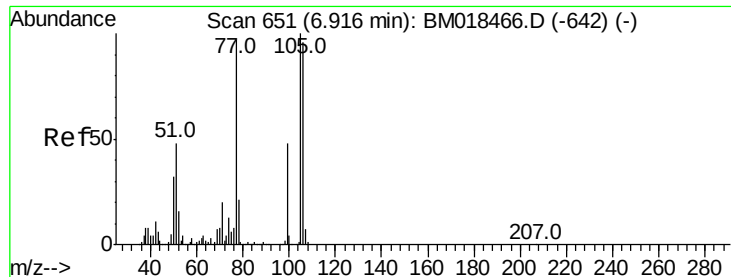


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 12.287 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tot Ion: 77 Resp: 116910

Ion Ratio Lower Upper

77 100

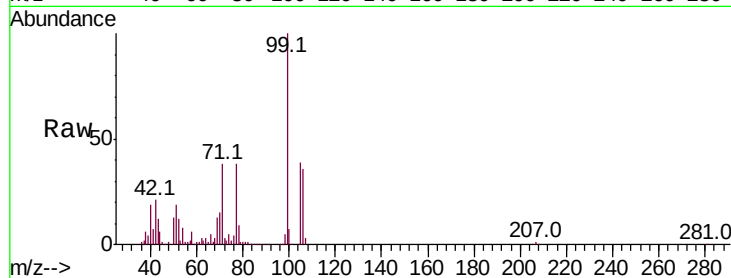
105 102.9 79.7 119.7

106 96.4 75.2 115.2

Manual Integrations
APPROVED

mohammad

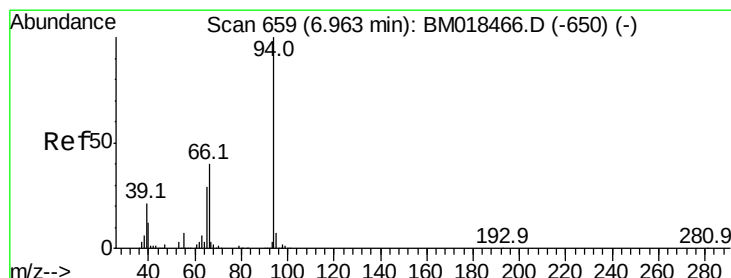
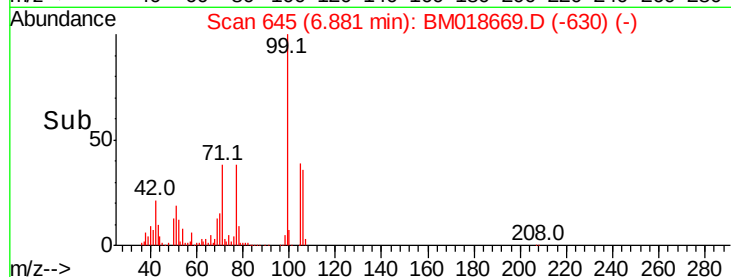
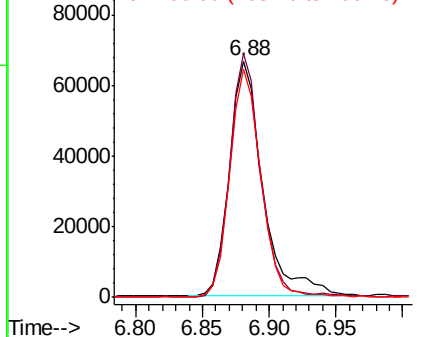
1/29/2019 10:06:41 AM



Abundance Ion 77.00 (76.70 to 77.70): BM018669.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018669.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018669.D (-642) (-)



#10

Phenol

Concen: 41.321 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

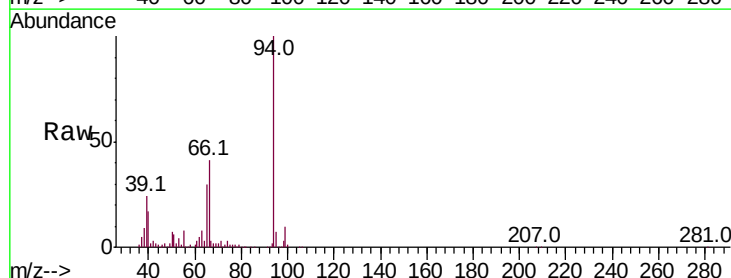
Tgt Ion: 94 Resp: 575149

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

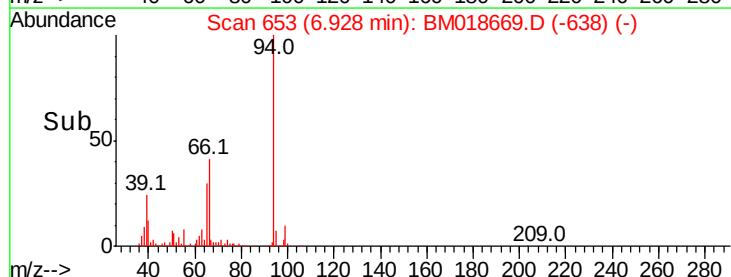
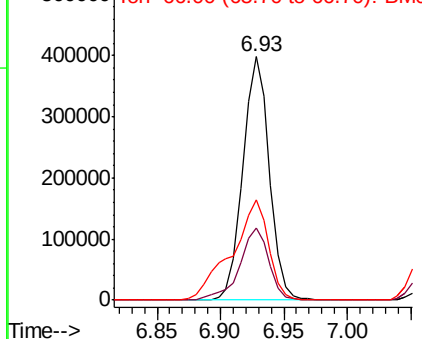
66 41.1 19.1 59.1

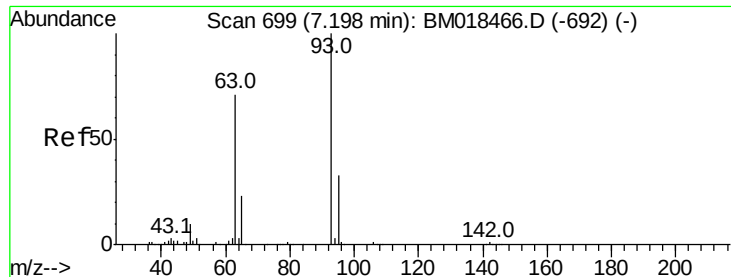


Abundance Ion 94.00 (93.70 to 94.70): BM018669.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018669.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018669.D (-638) (-)





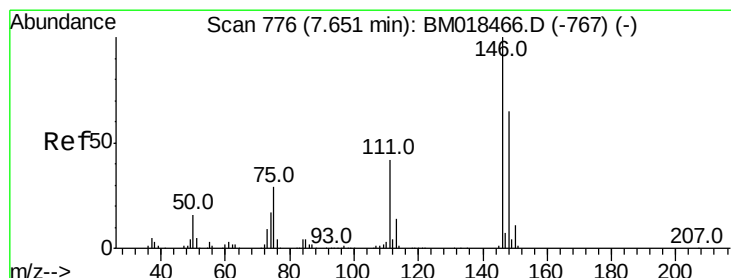
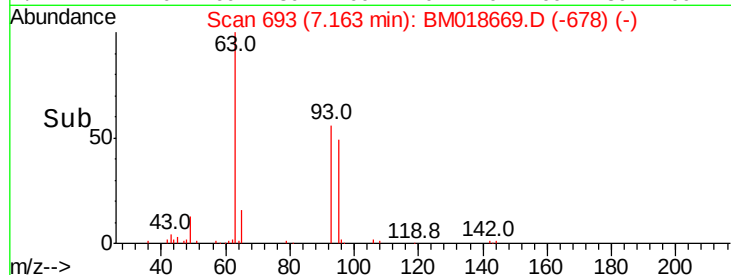
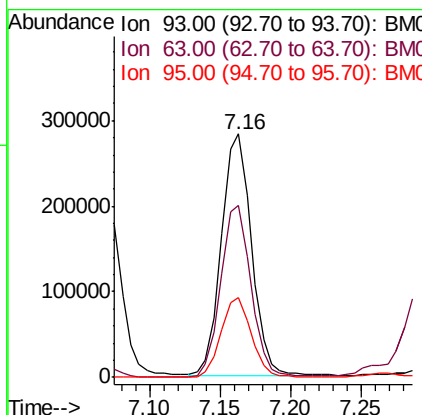
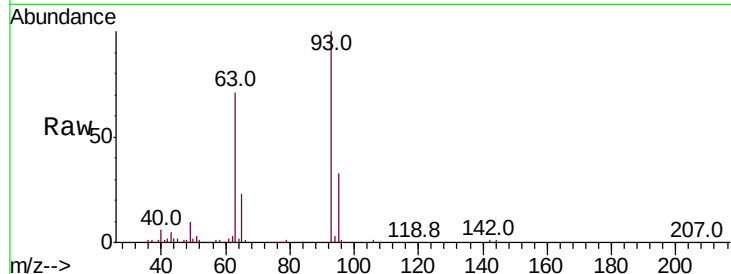
#11
bis(2-Chloroethyl)ether
Concen: 38.273 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	56.4	96.4
95	32.8	12.7	52.7

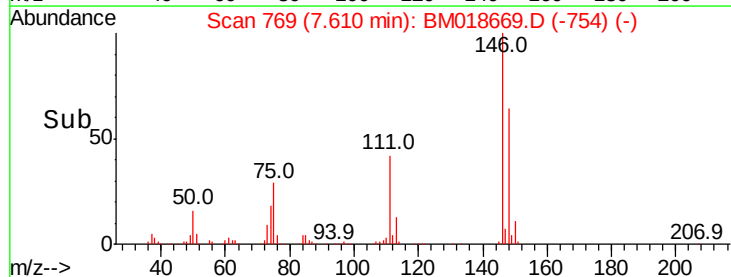
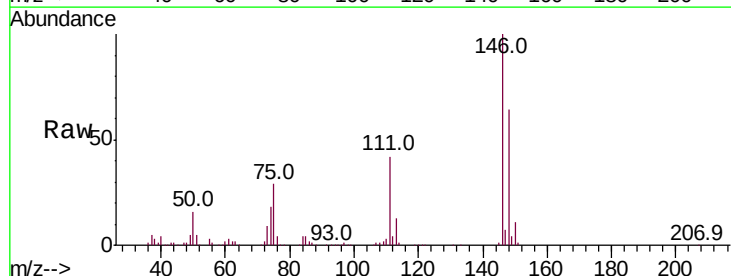
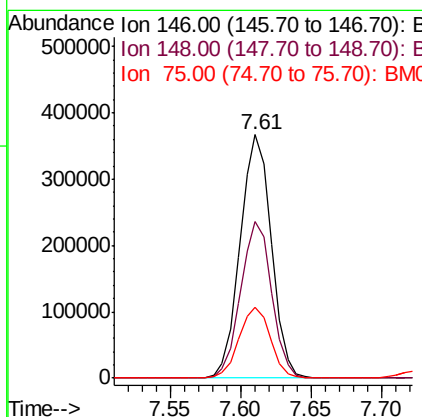
Manual Integrations
APPROVED

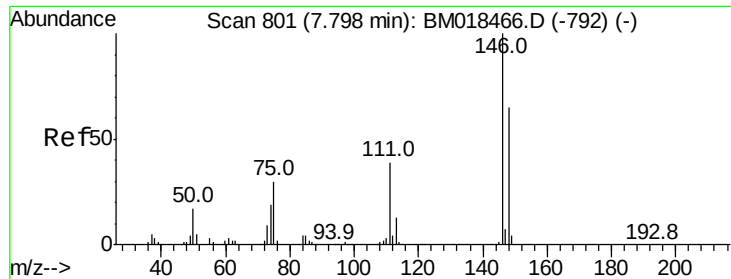
mohammad
1/29/2019 10:06:41 AM



#12
1,3-Dichlorobenzene
Concen: 37.878 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.5	75.7
75	29.2	23.0	34.6





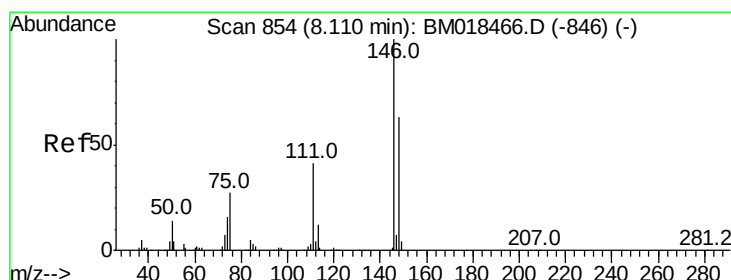
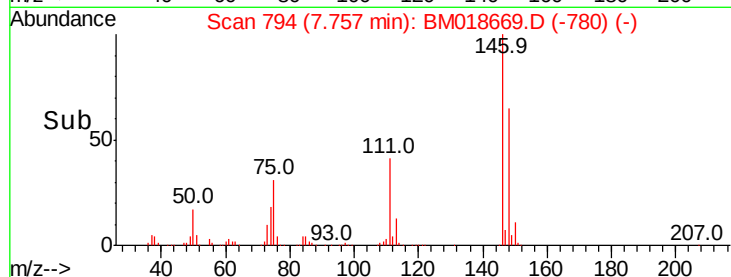
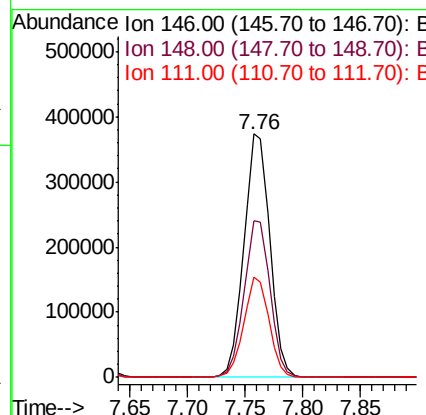
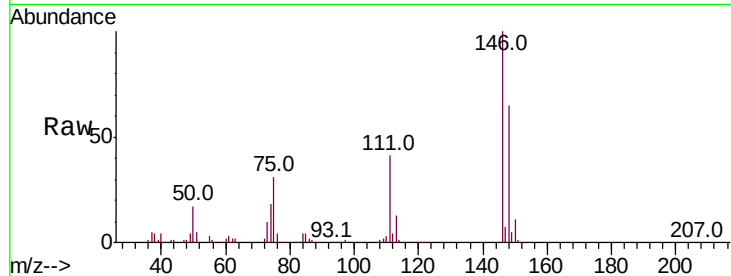
#13
 1,4-Dichlorobenzene
 Concen: 38.235 ng
 RT: 7.76 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Instrument :
 BNA_M
 ClientSampleID :
 PB116655BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	41.1	32.2	48.2

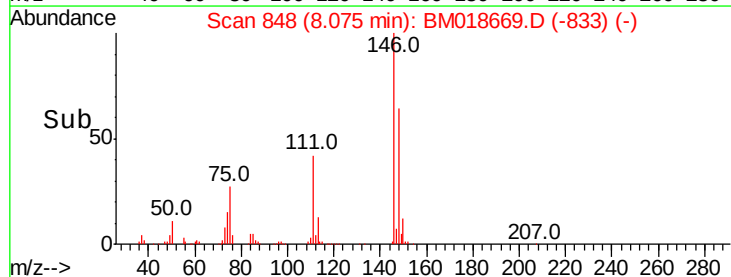
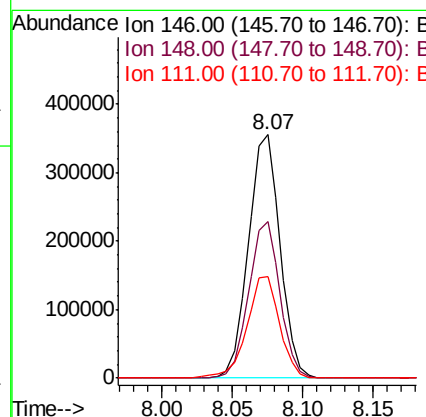
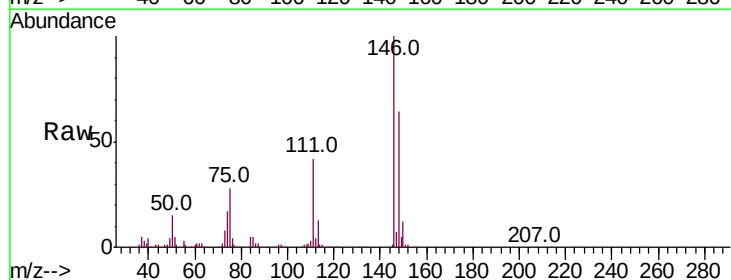
Manual Integrations
 APPROVED

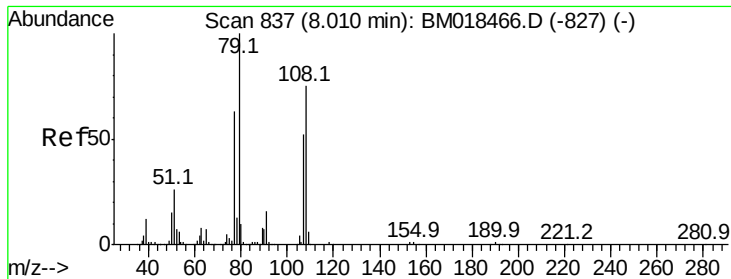
mohammad
 1/29/2019 10:06:41 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.777 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	41.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.954 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

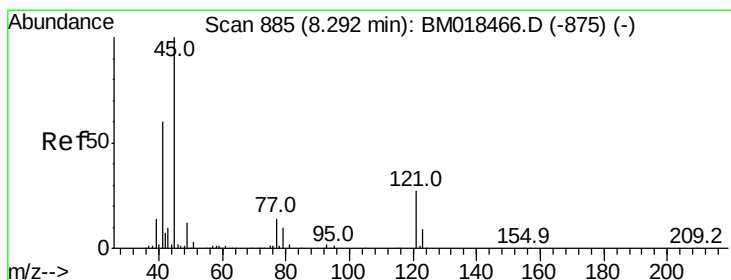
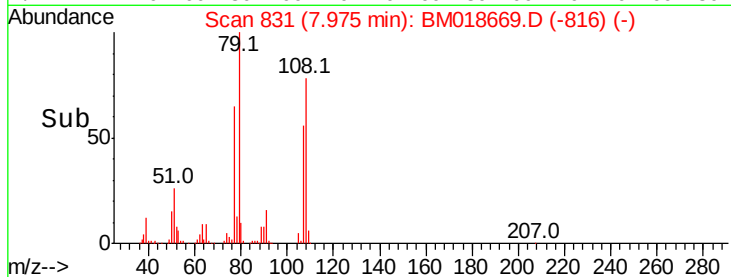
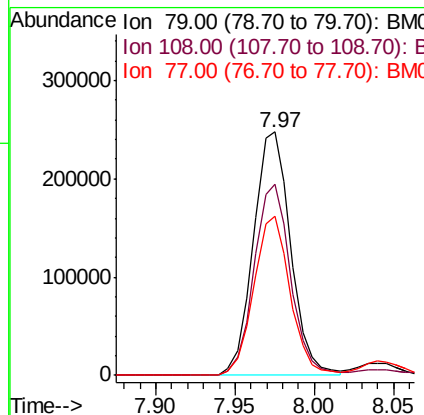
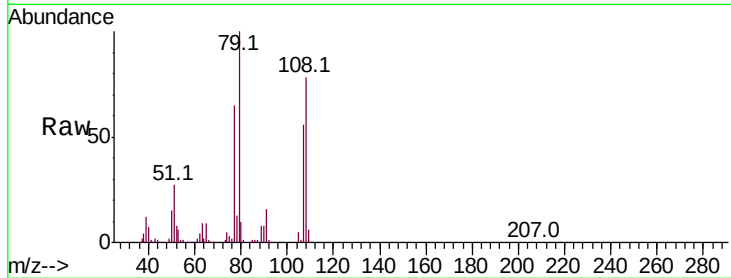
ClientSampleId :

PB116655BS

Tot Ion:	79	Resp:	405172
Ion Ratio	Lower	Upper	
79	100		
108	78.4	60.4	90.6
77	65.3	53.4	80.2

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.405 ng

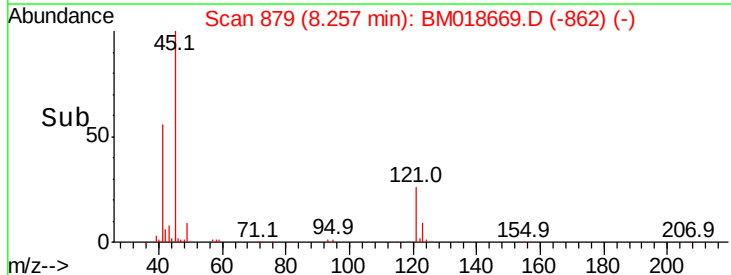
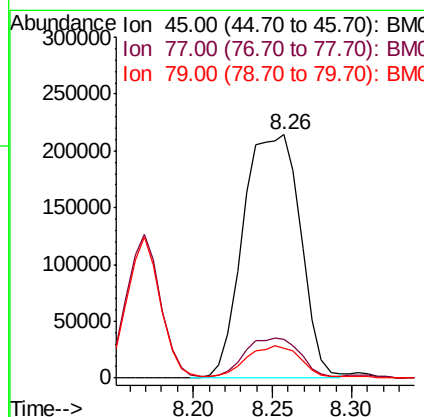
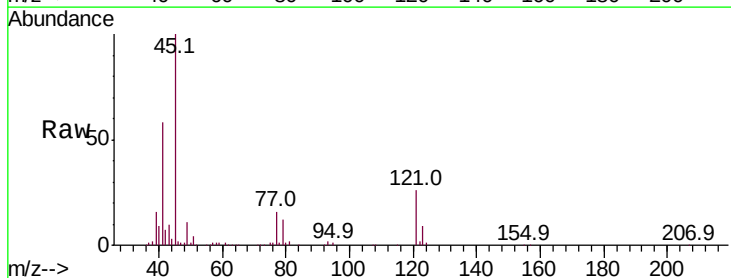
RT: 8.26 min Scan# 879

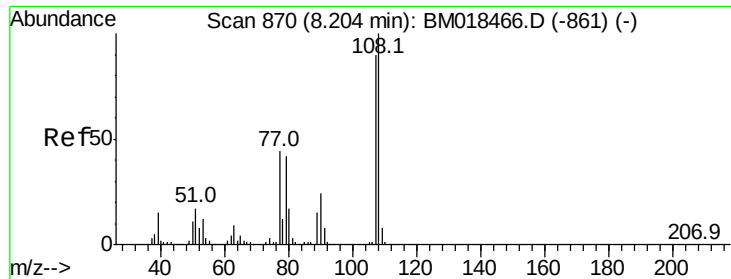
Delta R.T. 0.00 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	45	Resp:	536781
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	33.4
79	12.3	0.0	31.1





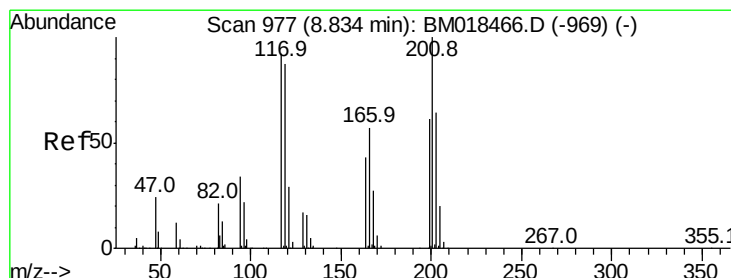
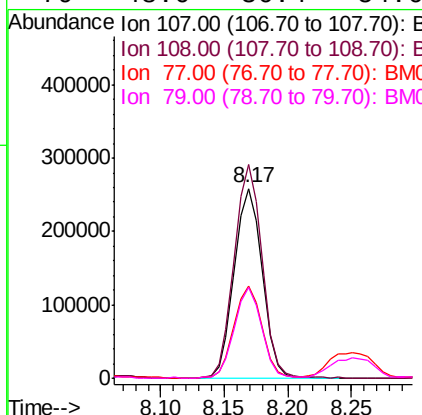
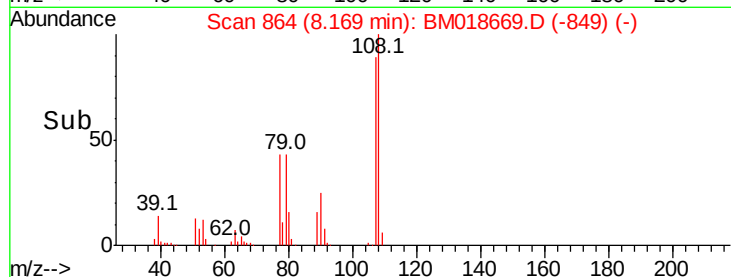
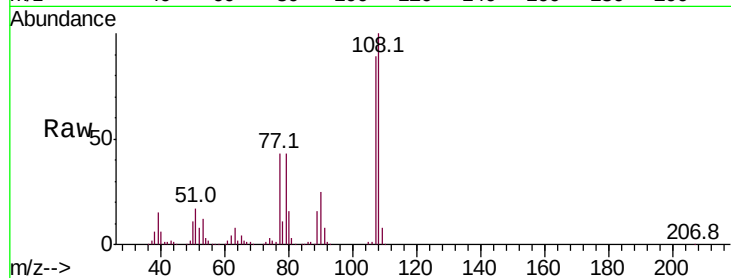
#17
2-Methylphenol
Concen: 41.717 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	87.5	131.3	
77	48.8	37.3	55.9	
79	48.0	36.4	54.6	

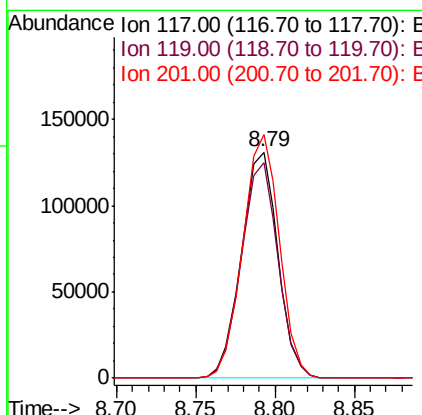
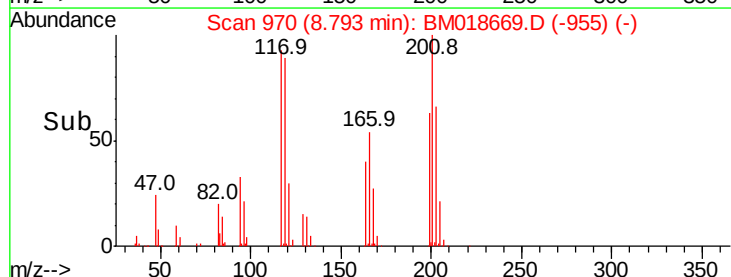
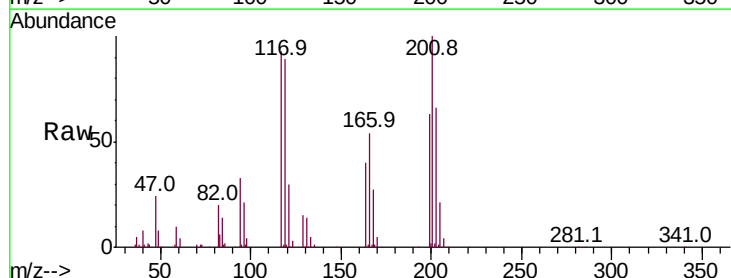
Manual Integrations
APPROVED

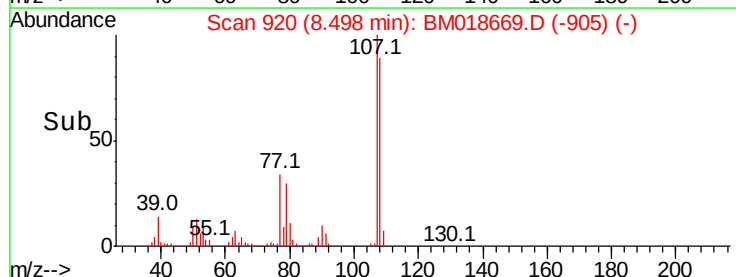
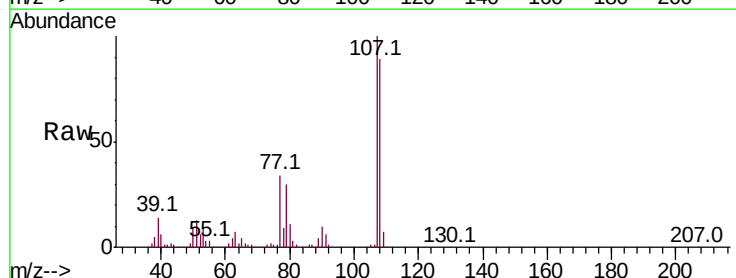
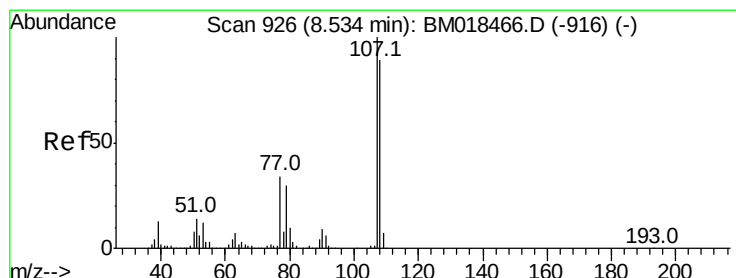
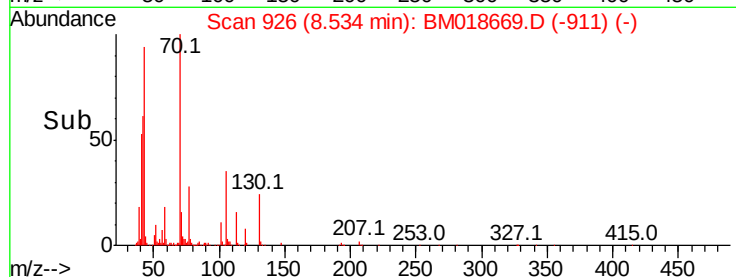
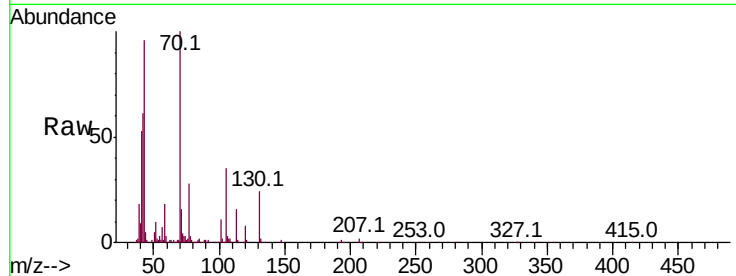
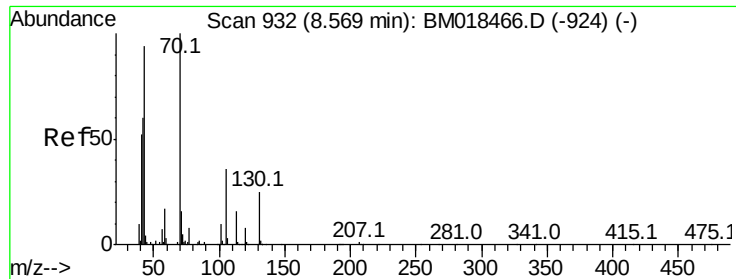
mohammad
1/29/2019 10:06:41 AM



#18
Hexachloroethane
Concen: 38.586 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	78.3	117.5	
201	107.7	81.4	122.0	





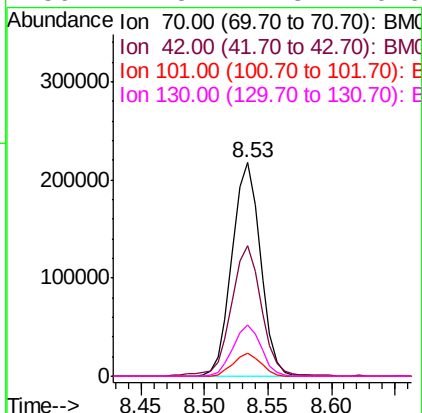
#19
n-Nitroso-di-n-propylamine
Concen: 37.883 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	54.0	81.0		
101	10.6	8.1	12.1		
130	24.3	17.8	26.6		

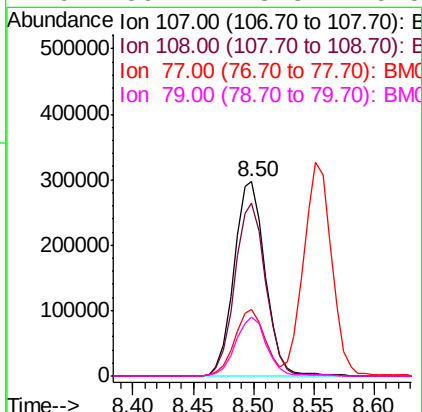
Manual Integrations
APPROVED

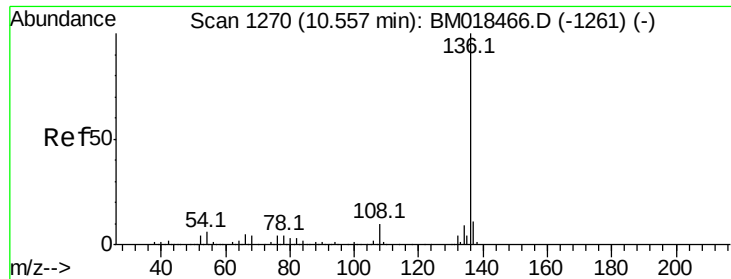
mohammad
1/29/2019 10:06:41 AM



#20
3+4-Methylphenols
Concen: 41.196 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	66.8	106.8		
77	34.1	13.3	53.3		
79	30.2	8.8	48.8		





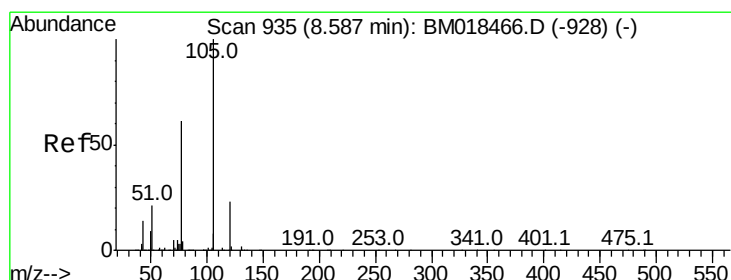
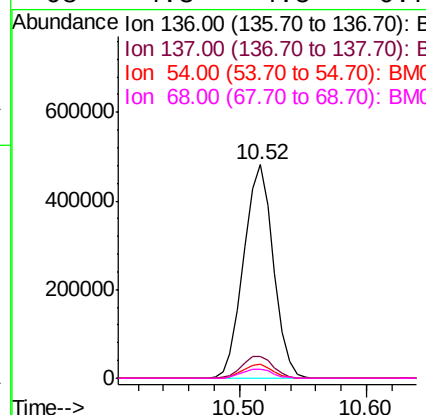
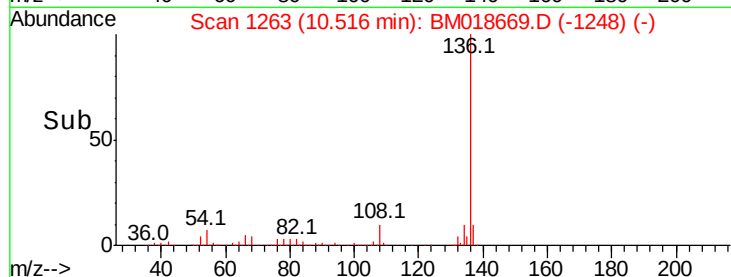
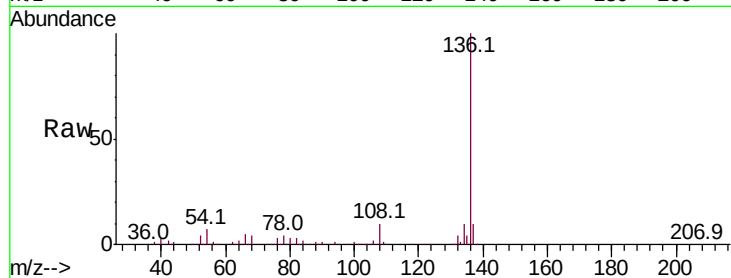
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	782581		
137	10.5		8.5	12.7
54	6.9		6.0	9.0
68	4.3		4.5	6.7#

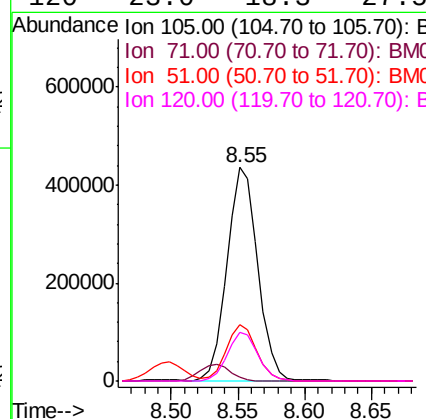
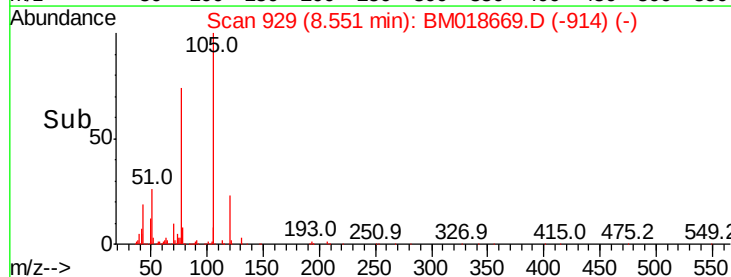
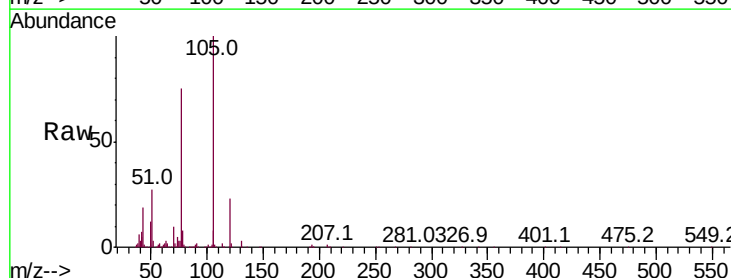
Manual Integrations
APPROVED

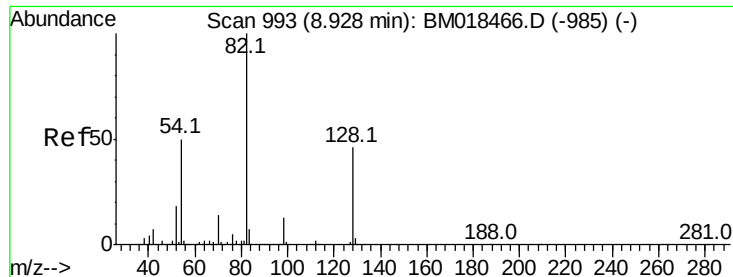
mohammad
1/29/2019 10:06:41 AM



#22
Acetophenone
Concen: 36.102 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	698904		
71	1.7		1.7	2.5#
51	26.7		22.6	34.0
120	23.0		18.3	27.5





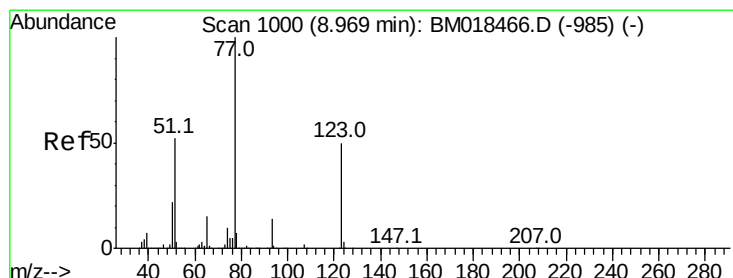
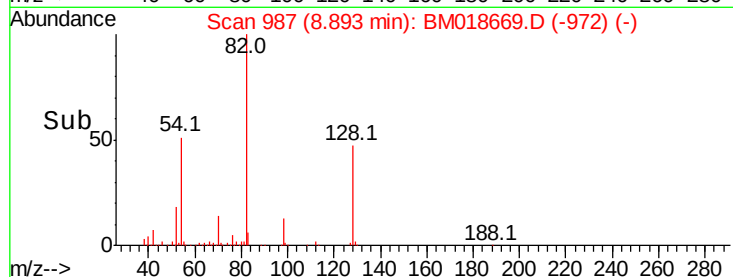
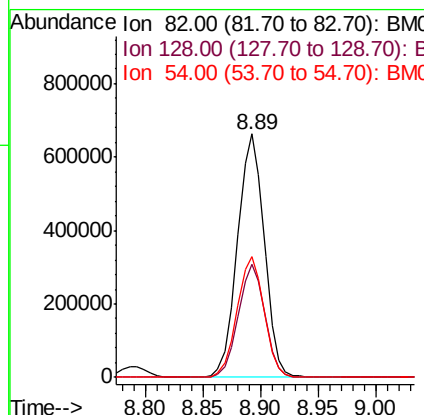
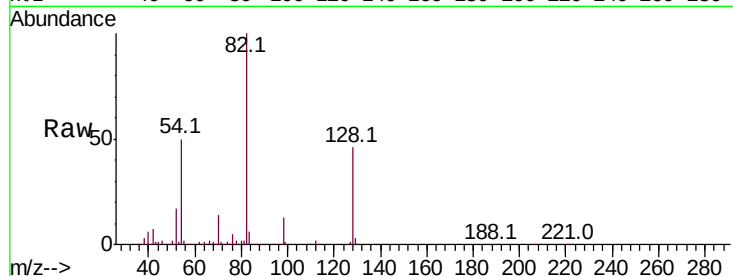
#23
 Nitrobenzene-d5
 Concen: 78.966 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Instrument :
 BNA_M
 ClientSampleID :
 PB116655BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	49.6	41.7	62.5

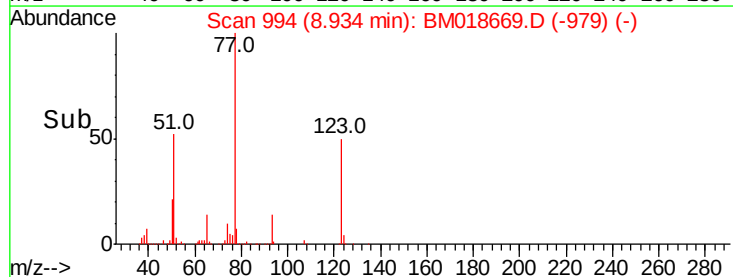
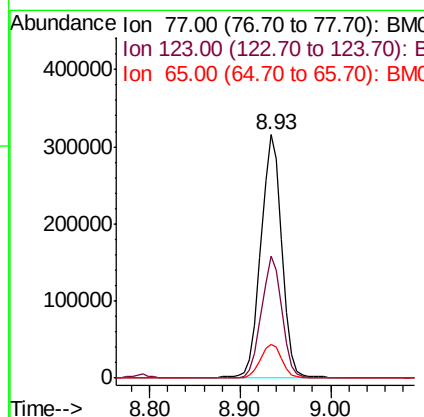
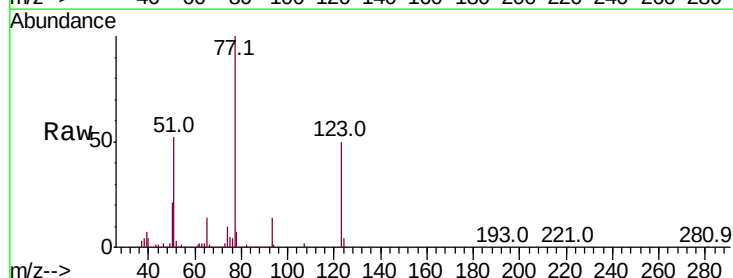
Manual Integrations
 APPROVED

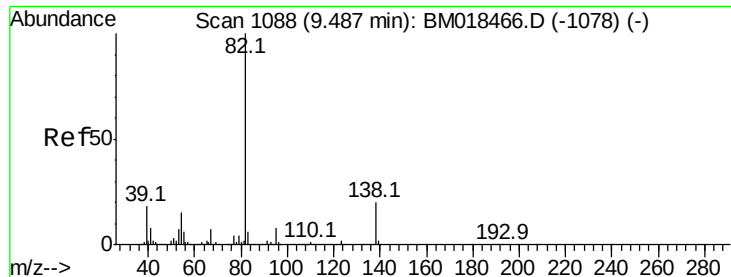
mohammad
 1/29/2019 10:06:41 AM



#24
 Nitrobenzene
 Concen: 38.061 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.7	56.5
65	13.8	11.0	16.6





#25

Isophorone

Concen: 43.976 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

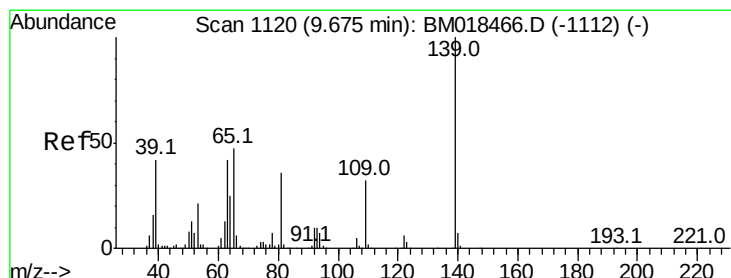
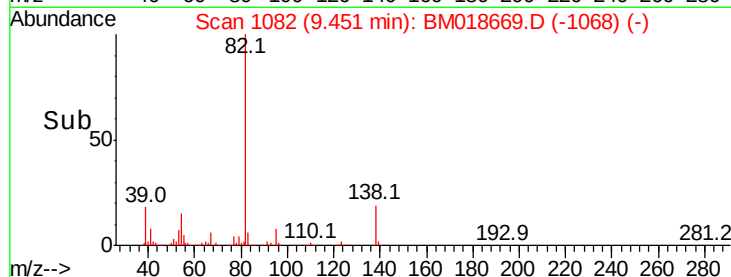
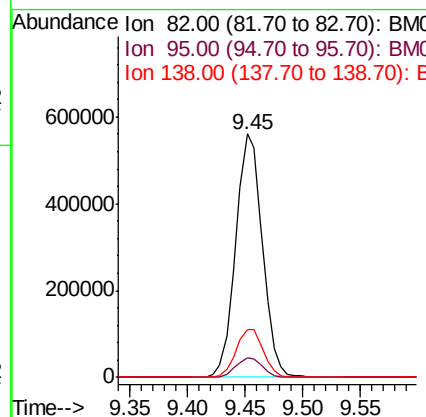
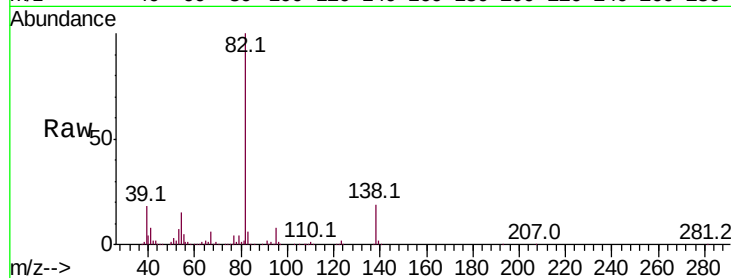
ClientSampleId :

PB116655BS

Tot Ion:	82	Resp:	898970
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.1	9.1
138	19.4	15.1	22.7

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#26

2-Nitrophenol

Concen: 42.587 ng

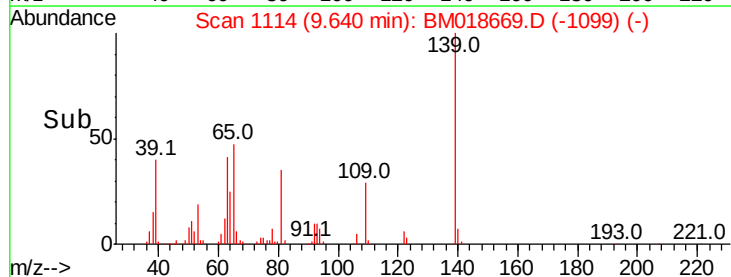
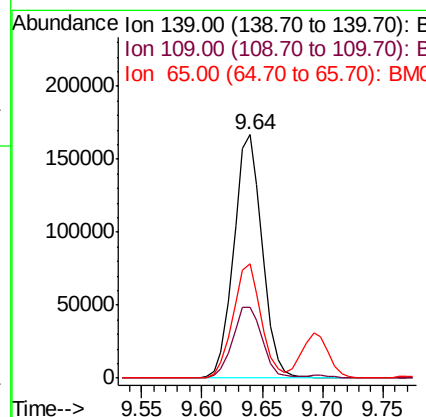
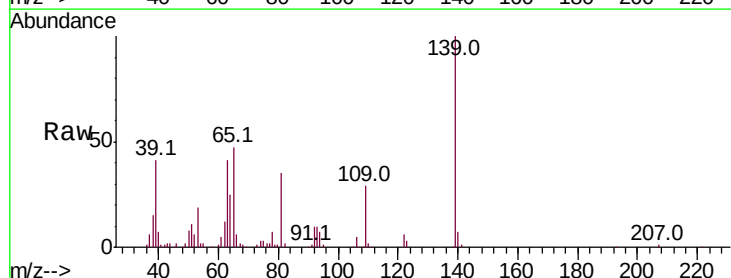
RT: 9.64 min Scan# 1114

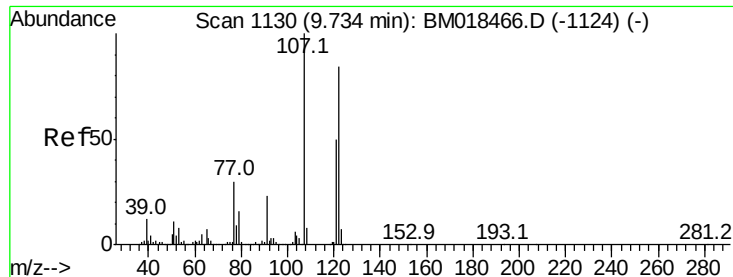
Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	139	Resp:	273521
Ion Ratio	Lower	Upper	
139	100		
109	29.3	23.4	35.2
65	46.9	39.4	59.2





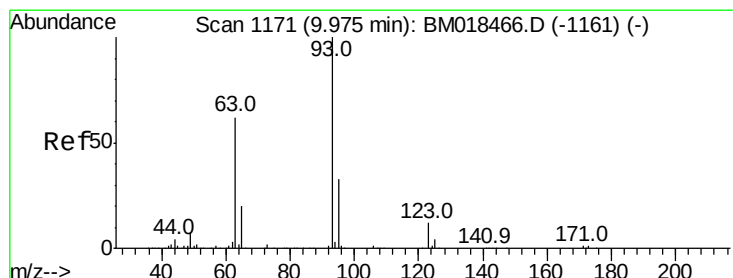
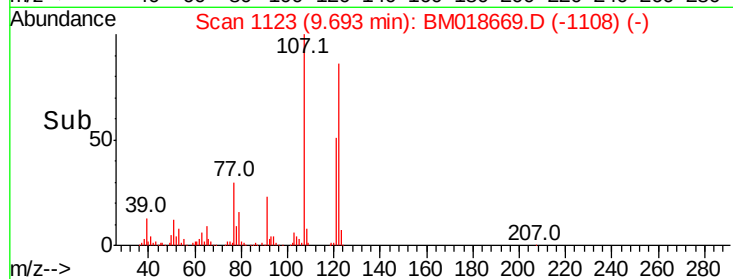
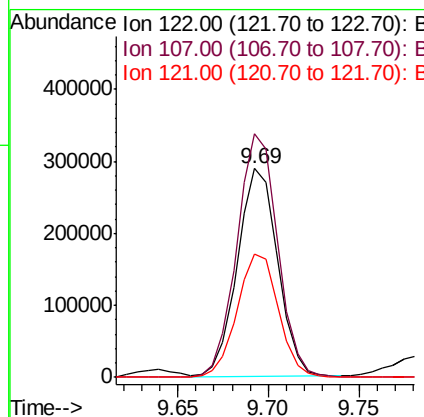
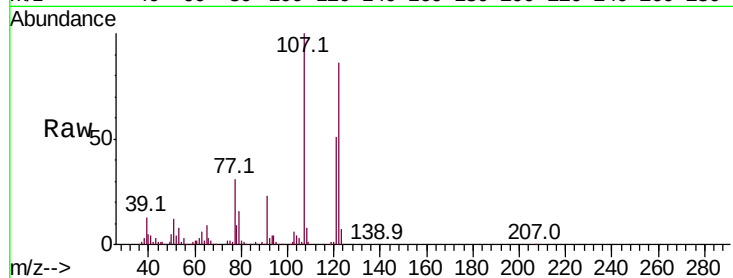
#27
 2,4-Dimethylphenol
 Concen: 46.582 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	448436		
107	116.7	91.9	137.9	
121	59.3	47.5	71.3	

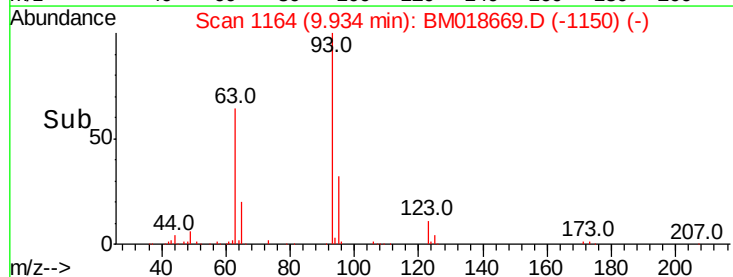
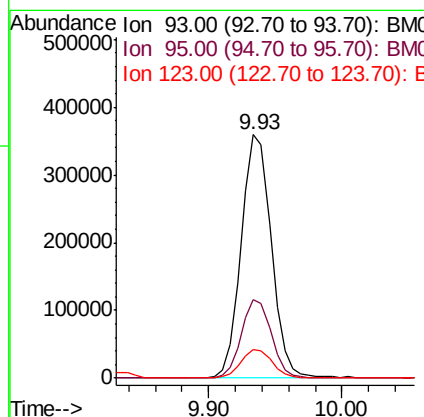
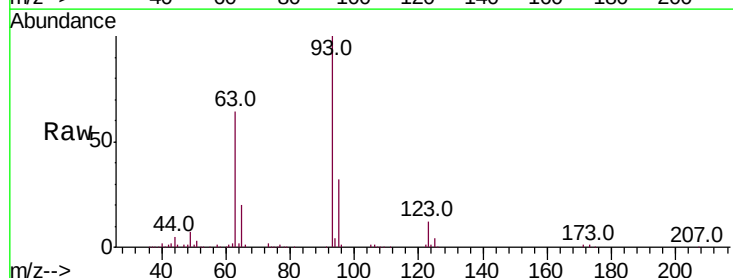
Manual Integrations
 APPROVED

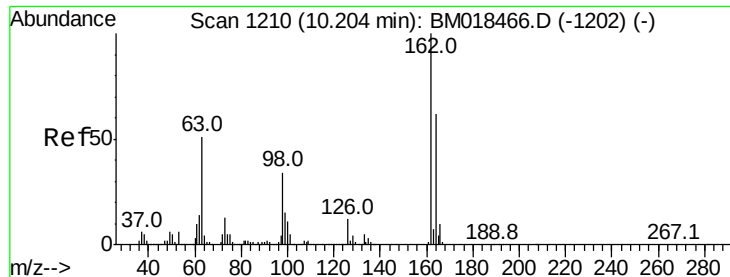
mohammad
 1/29/2019 10:06:41 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.649 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	559907		
95	32.1	26.6	39.8	
123	11.7	9.9	14.9	





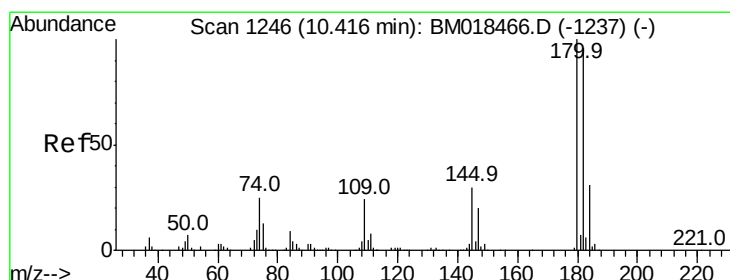
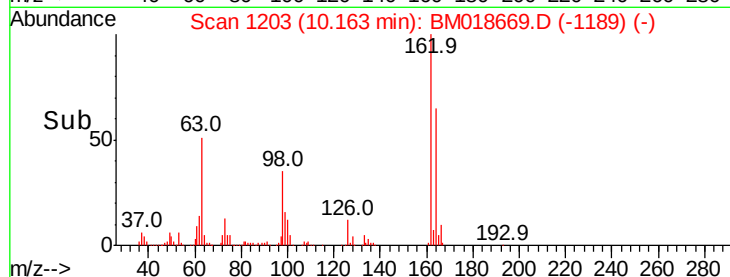
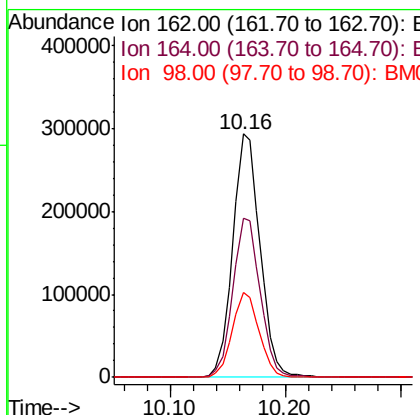
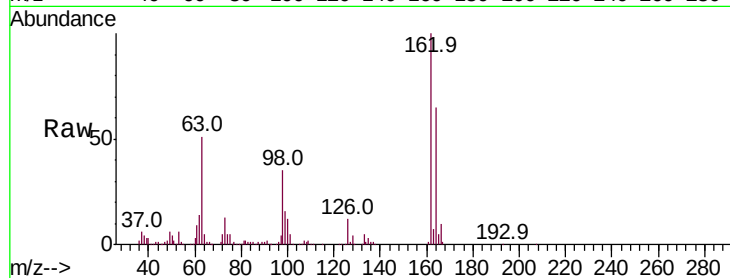
#29
2,4-Dichlorophenol
Concen: 41.915 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.2	45.6	85.6	
98	34.7	14.7	54.7	

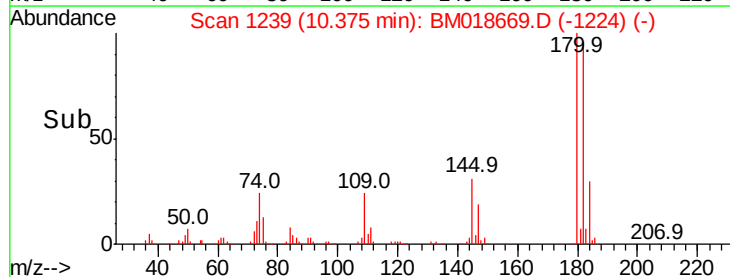
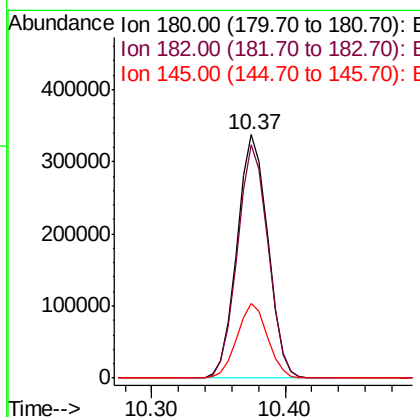
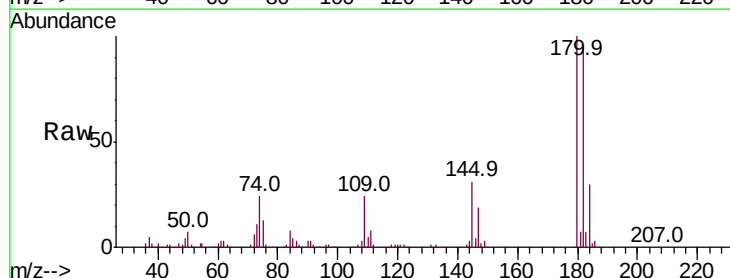
Manual Integrations
APPROVED

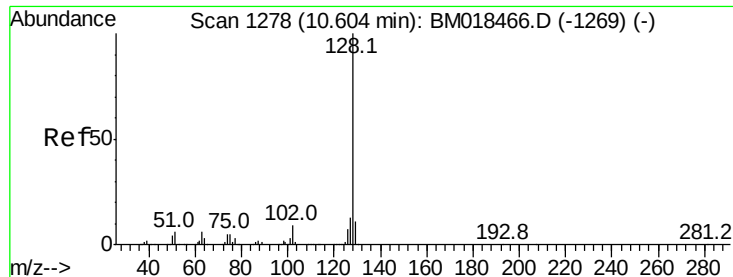
mohammad
1/29/2019 10:06:41 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.954 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	77.4	116.2	
145	30.5	24.6	37.0	





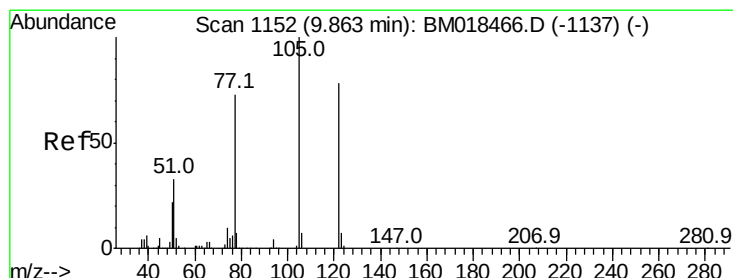
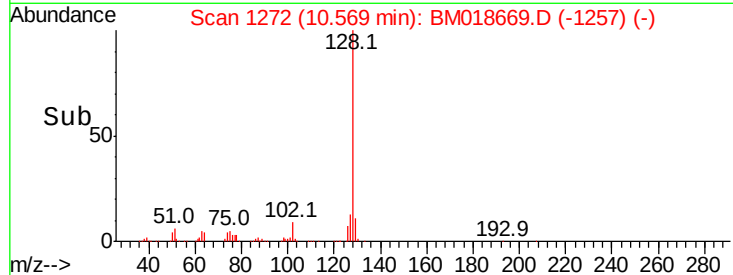
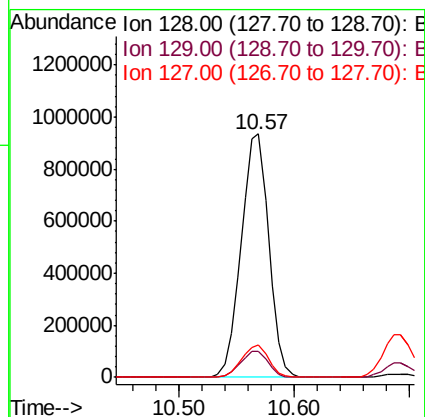
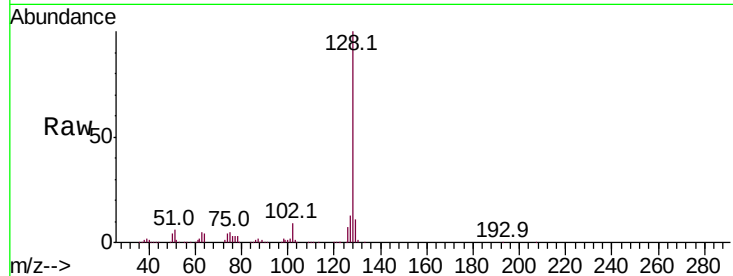
#31
Naphthalene
Concen: 41.053 ng
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.3	10.8	16.2

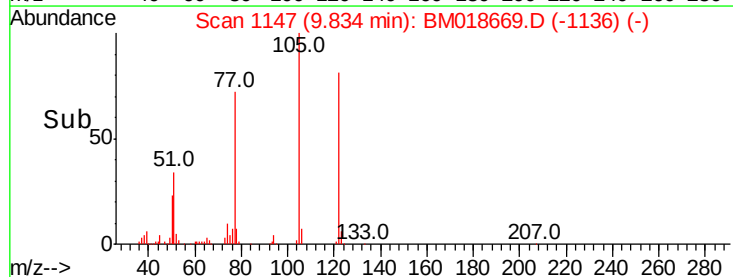
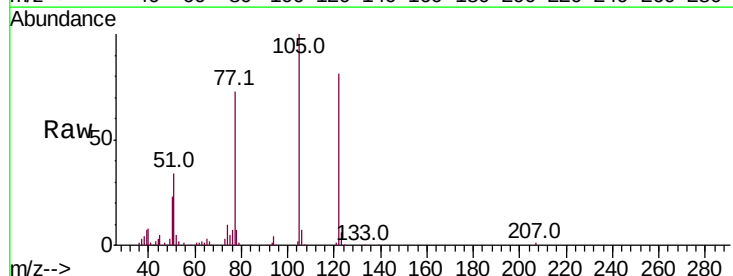
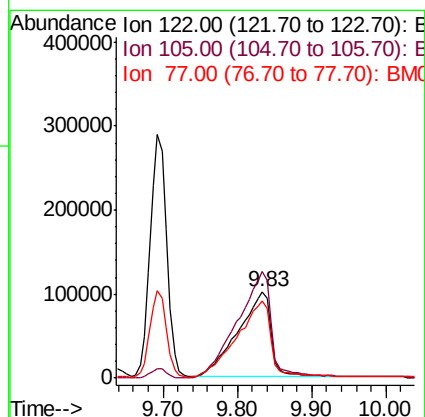
Manual Integrations
APPROVED

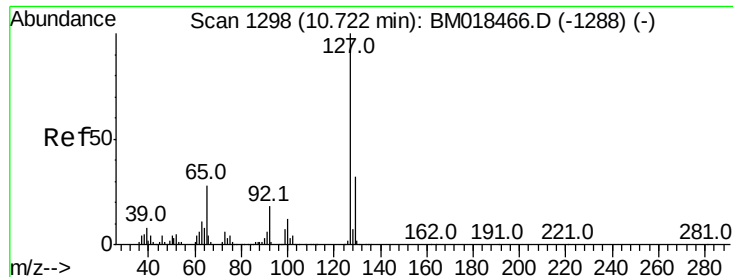
mohammad
1/29/2019 10:06:41 AM



#32
Benzoic acid
Concen: 49.092 ng m
RT: 9.83 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	100.4	140.4
77	89.9	71.7	111.7





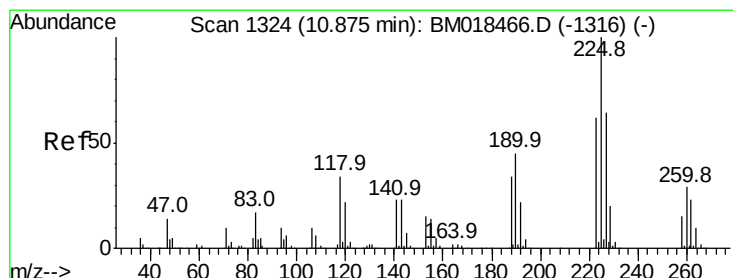
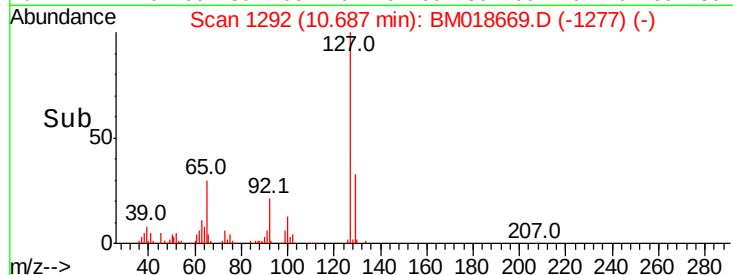
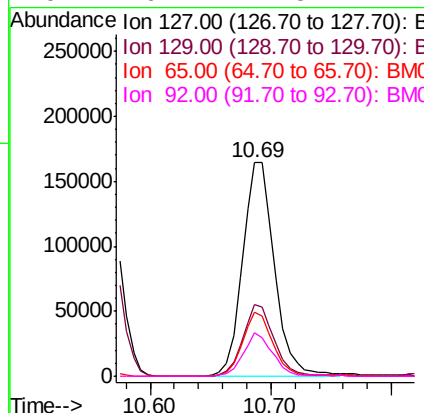
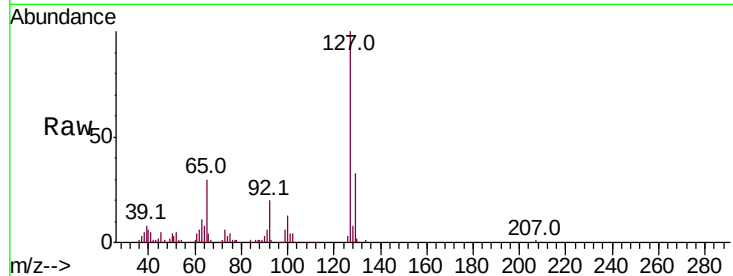
#33
4-Chloroaniline
Concen: 20.441 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	25.9	38.9	
65	30.1	23.4	35.2	
92	20.4	14.5	21.7	

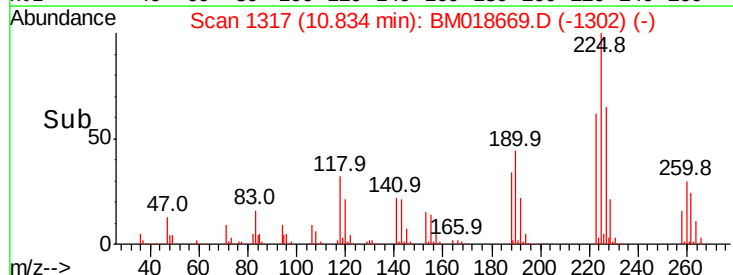
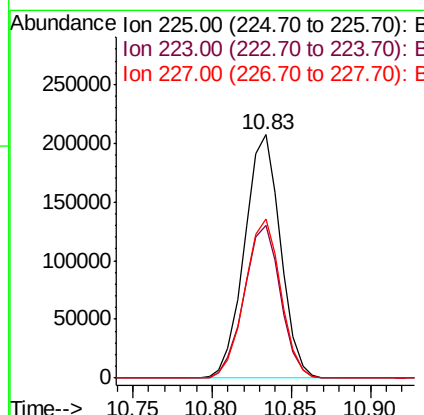
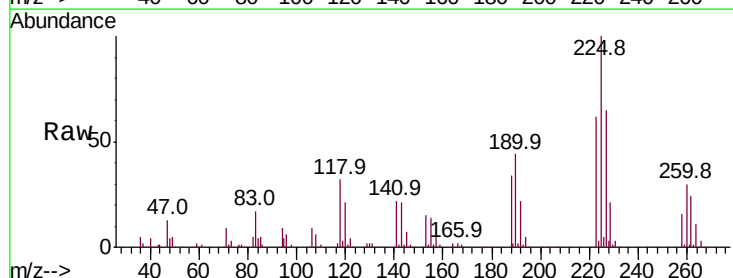
Manual Integrations
APPROVED

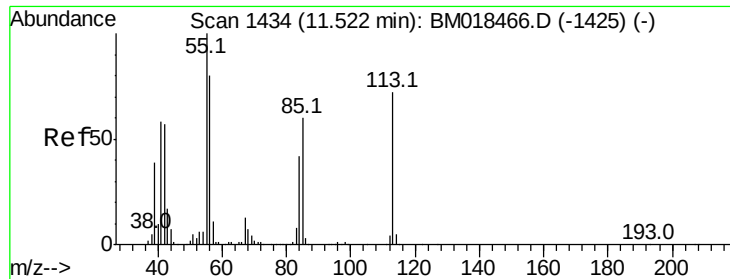
mohammad
1/29/2019 10:06:41 AM



#34
Hexachlorobutadiene
Concen: 36.265 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.8	76.2	
227	65.3	50.4	75.6	





#35

Caprolactam

Concen: 34.068 ng/ml

RT: 11.49 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleID :

PB116655BS

Tot Ion:113 Resp: 132776

Ion Ratio Lower Upper

113 100

55 143.1 139.3 179.3

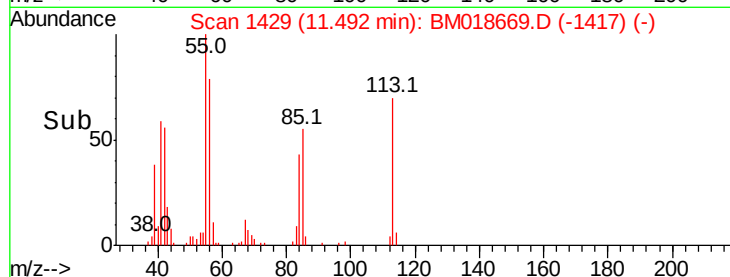
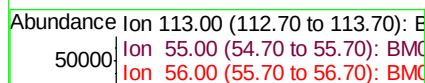
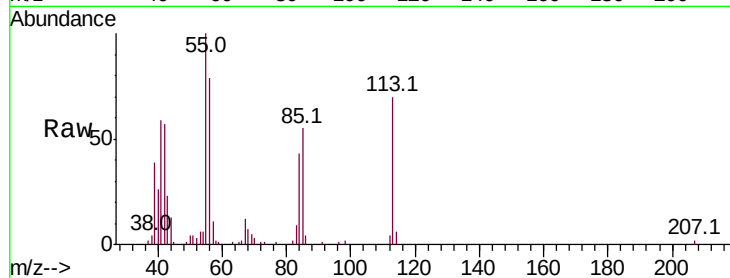
56 112.6 101.4 141.4

Manual Integrations

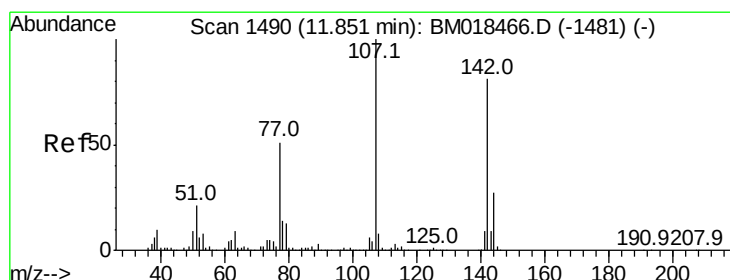
APPROVED

mohammad

1/29/2019 10:06:41 AM



Time-->



#36

4-Chloro-3-methylphenol

Concen: 40.259 ng/ml

RT: 11.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

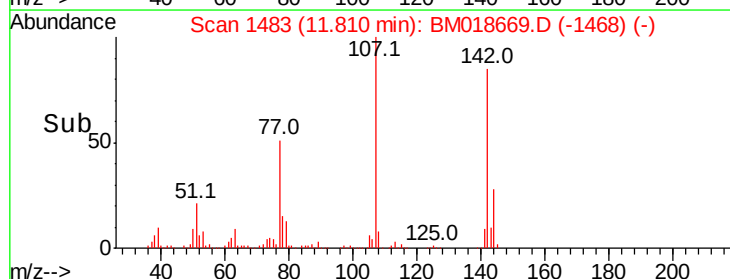
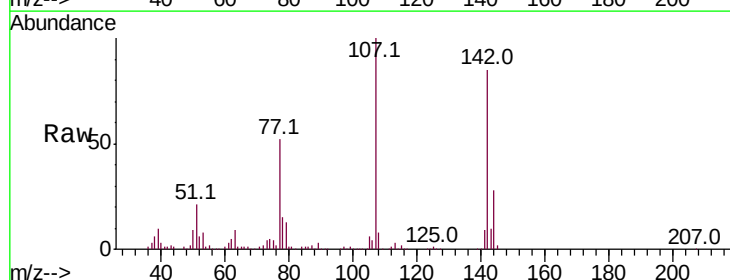
Tgt Ion:107 Resp: 484170

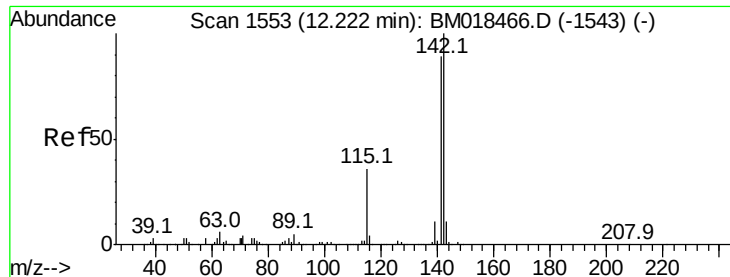
Ion Ratio Lower Upper

107 100

144 28.3 21.9 32.9

142 85.3 67.9 101.9





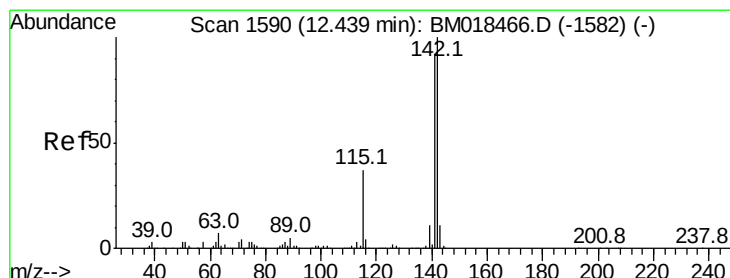
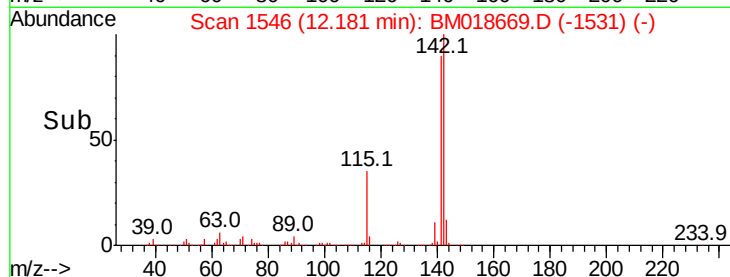
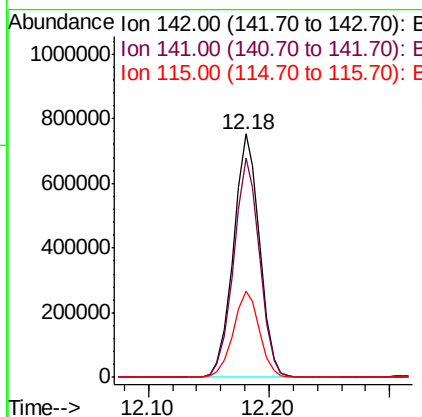
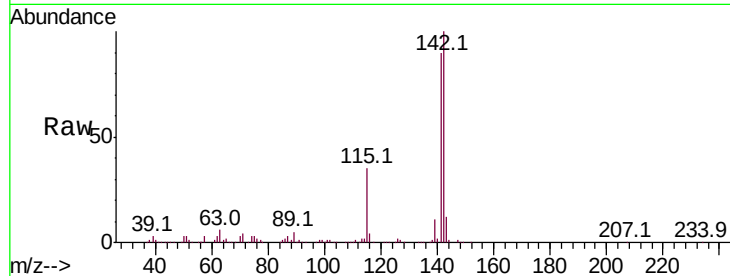
#37
2-Methylnaphthalene
Concen: 42.621 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion:142 Resp: 1134960
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2
115 35.4 28.0 42.0

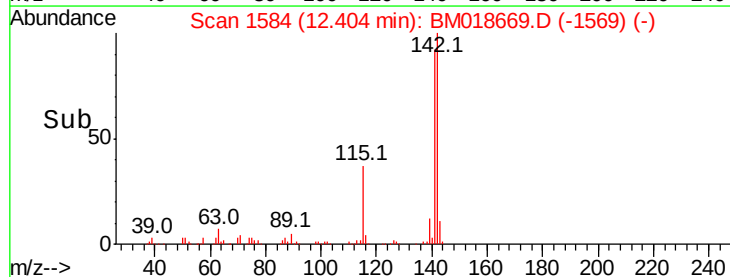
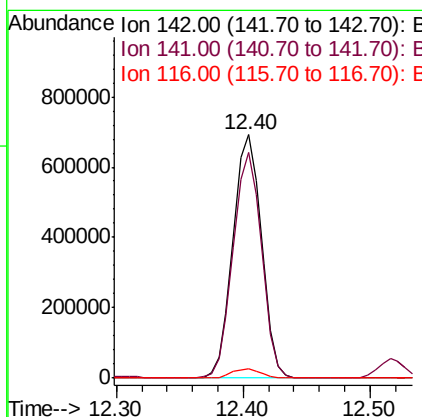
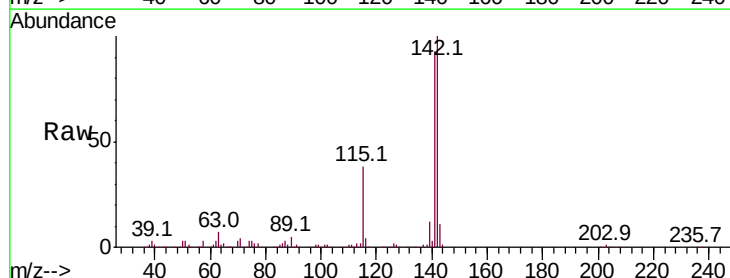
Manual Integrations
APPROVED

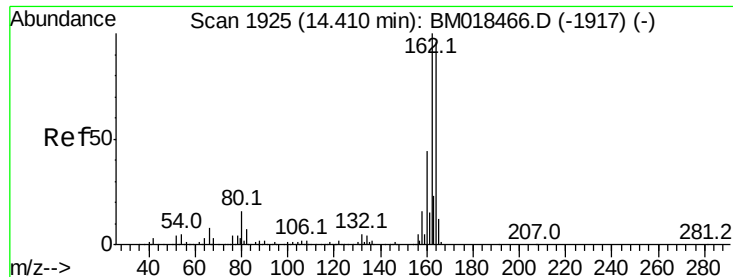
mohammad
1/29/2019 10:06:41 AM



#38
1-Methylnaphthalene
Concen: 41.841 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:142 Resp: 1078057
Ion Ratio Lower Upper
142 100
141 92.8 75.6 113.4
116 3.8 3.0 4.6





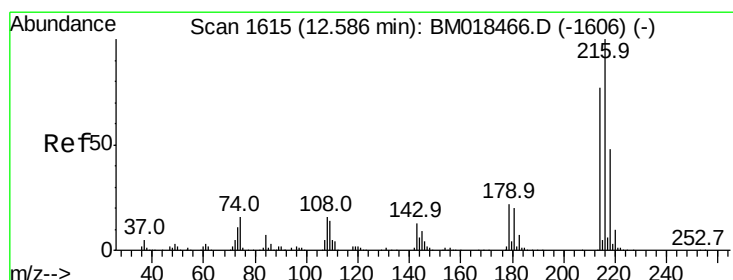
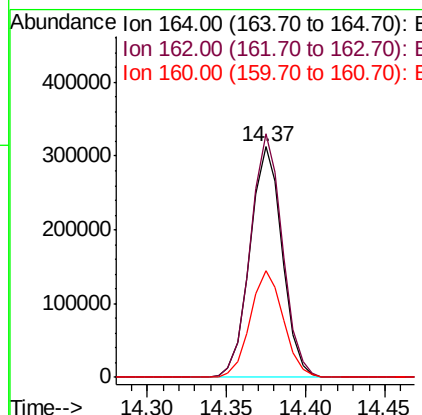
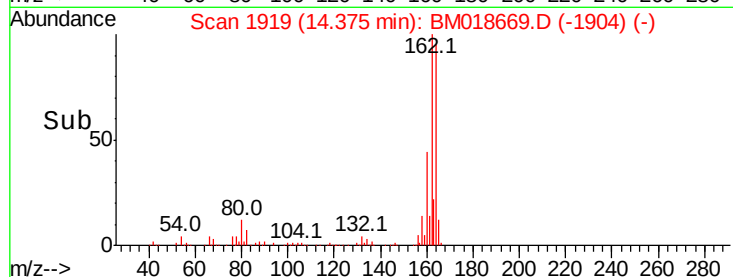
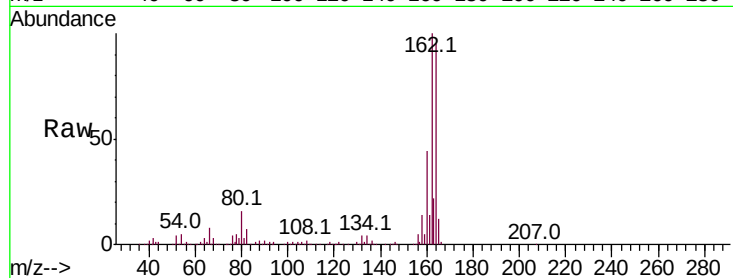
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.4
160	46.1	37.1	55.7

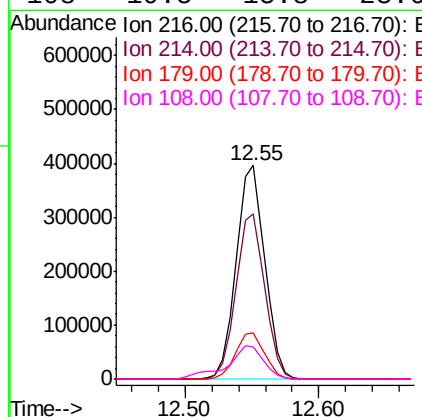
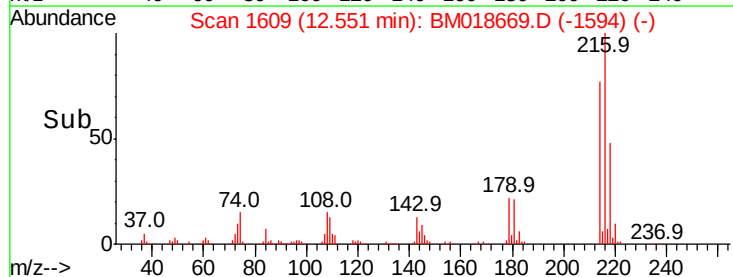
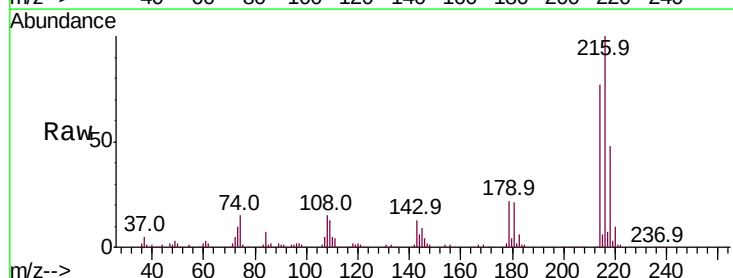
Manual Integrations
APPROVED

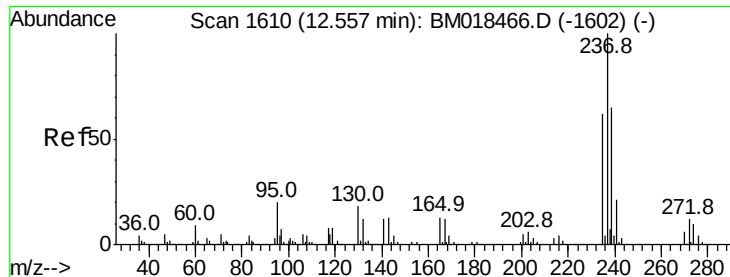
mohammad
1/29/2019 10:06:41 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.145 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.4	95.0
179	22.1	17.9	26.9
108	19.5	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 77.230 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

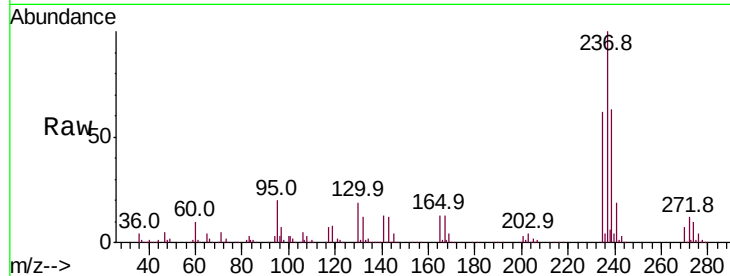
ClientSampleId :

PB116655BS

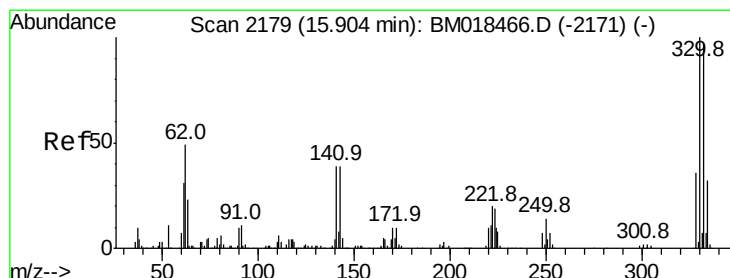
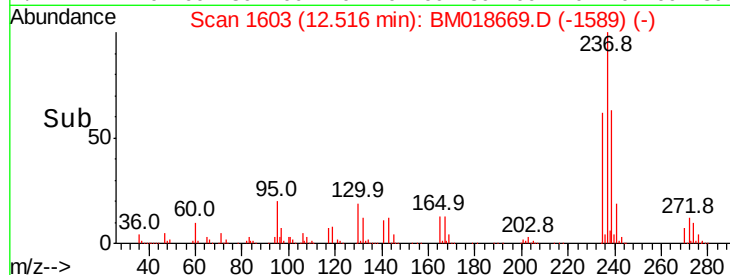
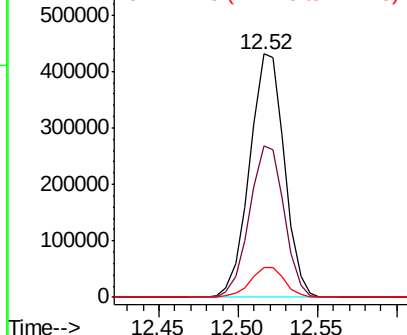
Tot Ion:	237	Resp:	656224
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.8	82.8
272	12.0	0.0	31.9

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.502 ng

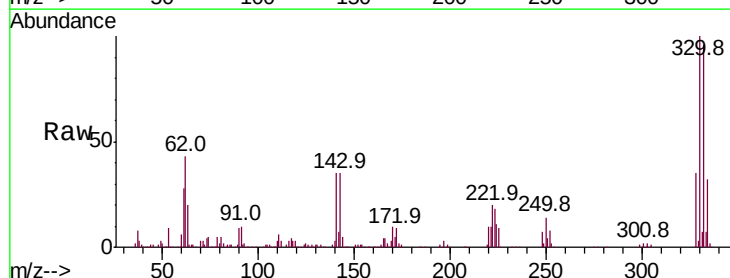
RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

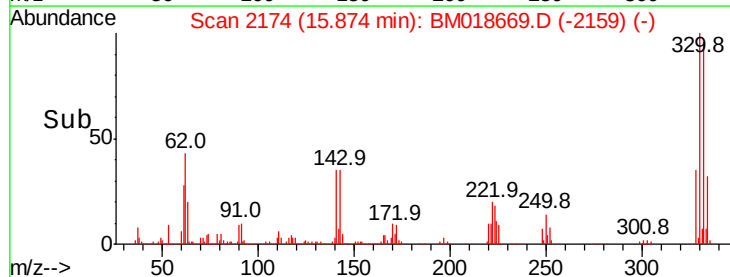
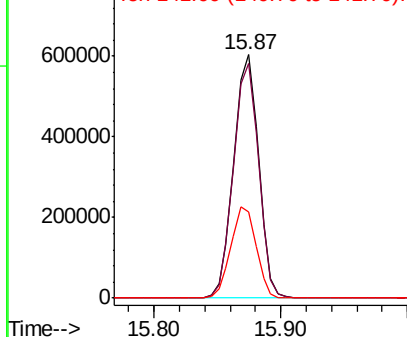
Lab File: BM018669.D

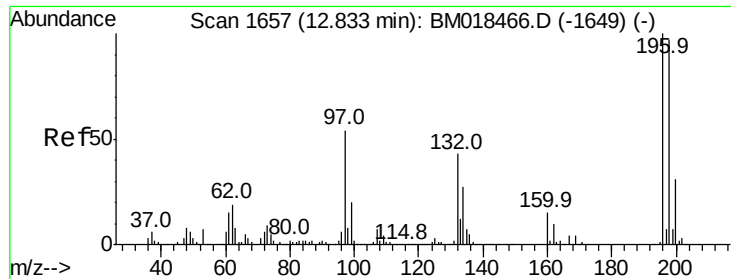
Acq: 28 Jan 2019 18:08

Tgt Ion:	330	Resp:	820220
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.6	116.4
141	38.2	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





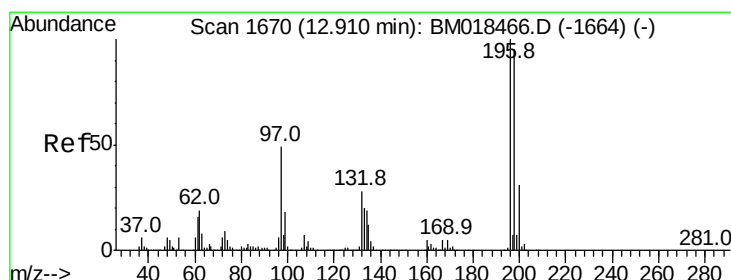
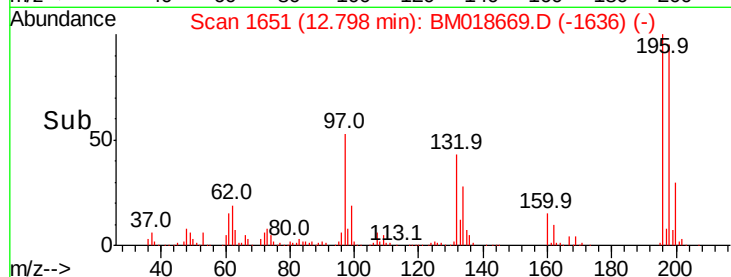
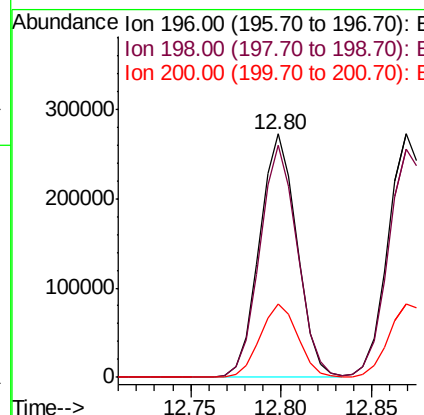
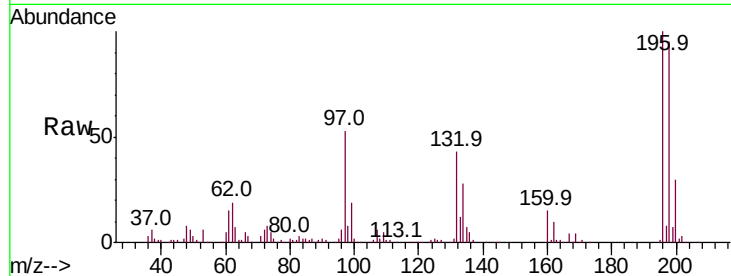
#43
 2,4,6-Trichlorophenol
 Concen: 41.621 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Instrument :
 BNA_M
 ClientSampleID :
 PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	76.6	115.0	
200	30.2	24.2	36.4	

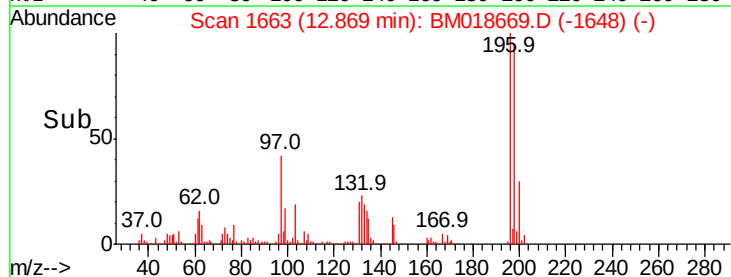
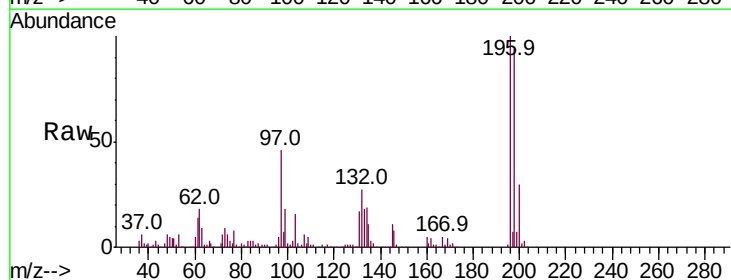
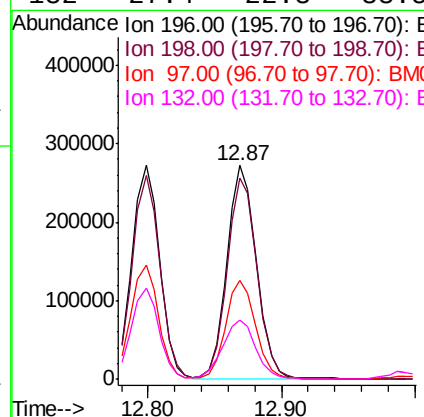
Manual Integrations
 APPROVED

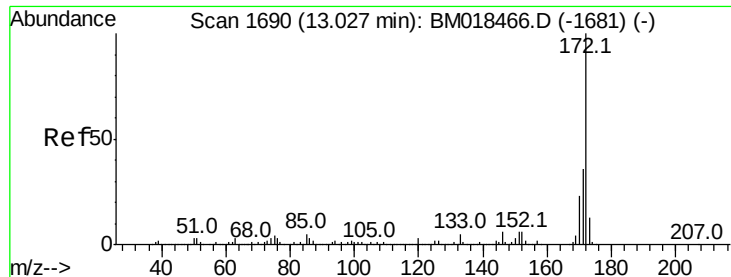
mohammad
 1/29/2019 10:06:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.692 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.8	76.7	115.1	
97	46.1	39.2	58.8	
132	27.4	22.3	33.5	





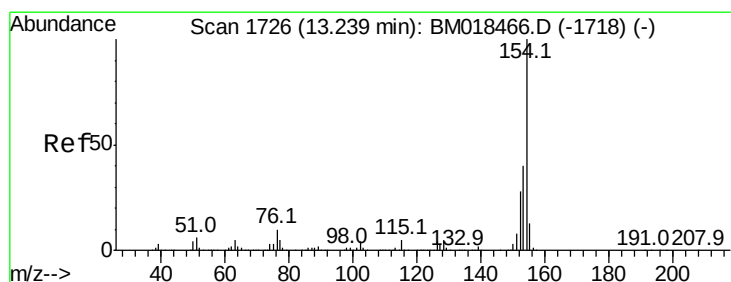
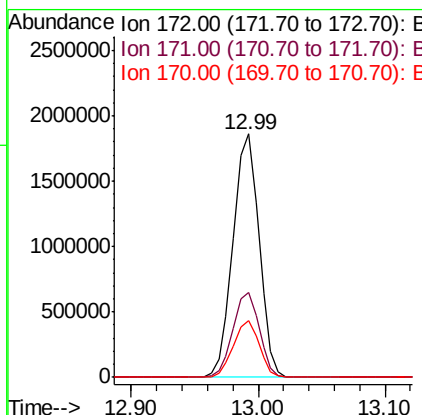
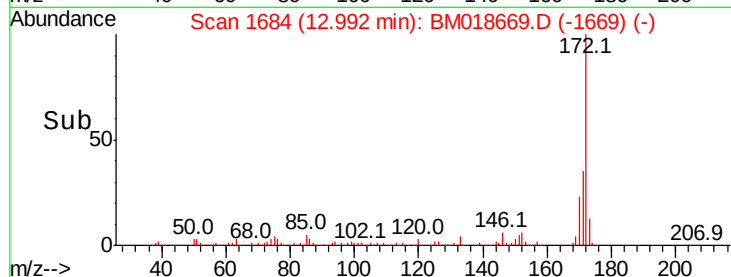
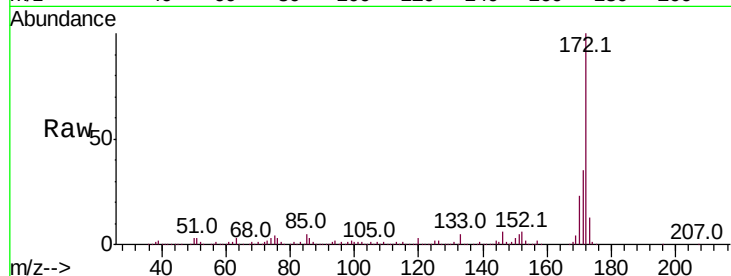
#45
2-Fluorobiphenyl
Concen: 77.992 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.2	18.9	28.3

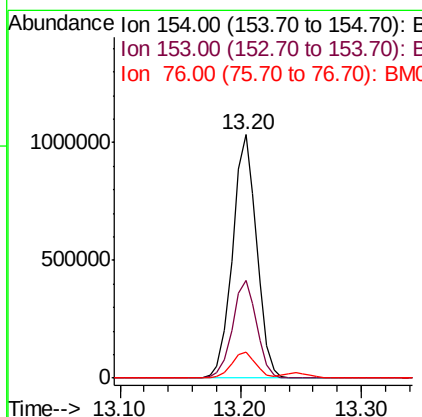
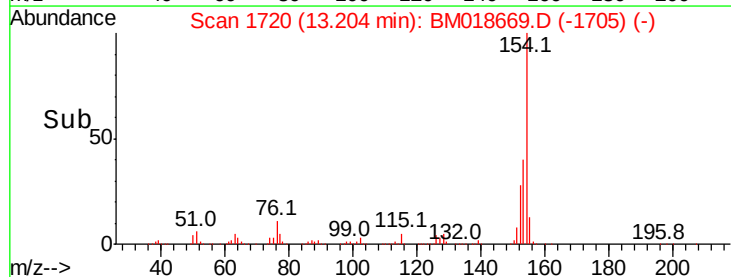
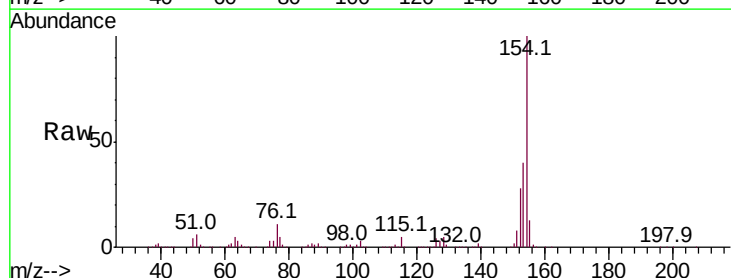
Manual Integrations
APPROVED

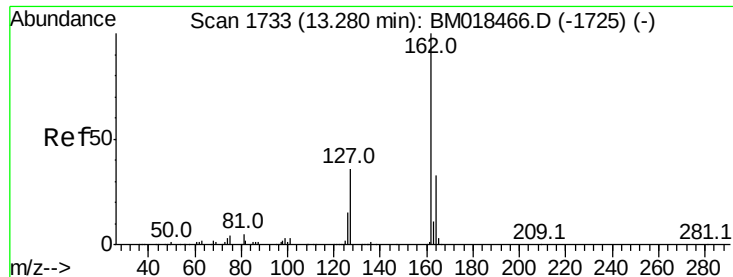
mohammad
1/29/2019 10:06:41 AM



#46
1,1'-Biphenyl
Concen: 37.034 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	10.6	0.0	31.9





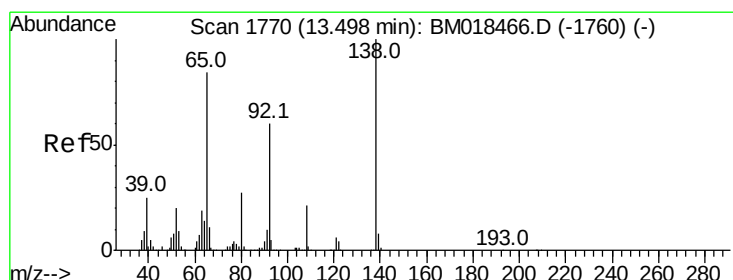
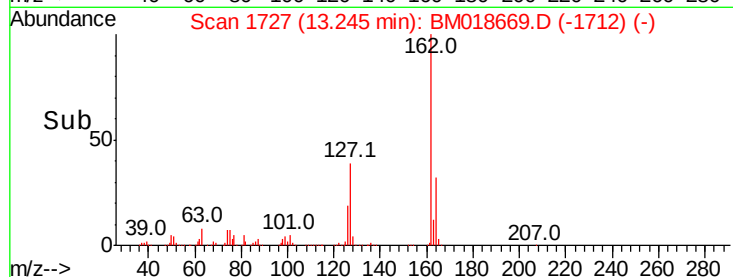
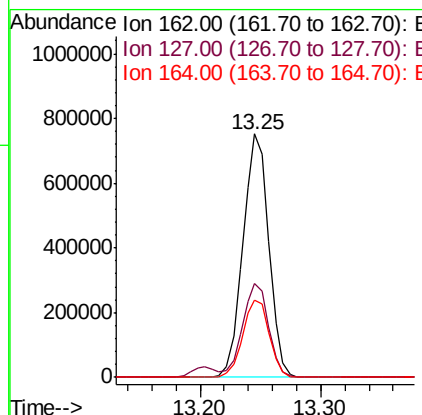
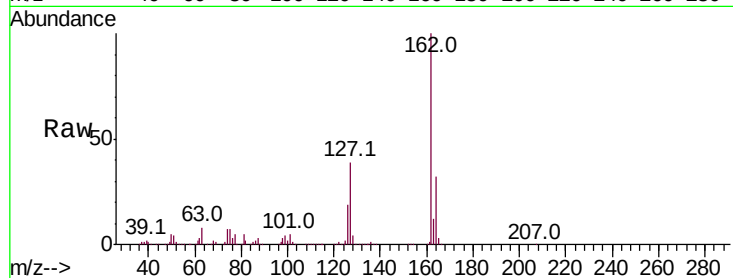
#47
2-Chloronaphthalene
Concen: 37.384 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.4	47.0
164	31.8	26.2	39.4

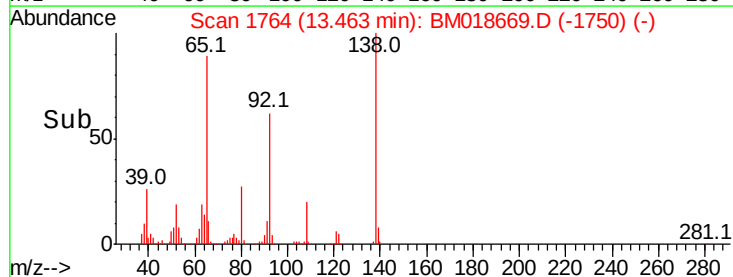
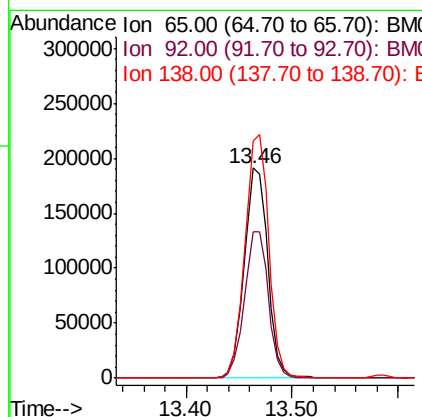
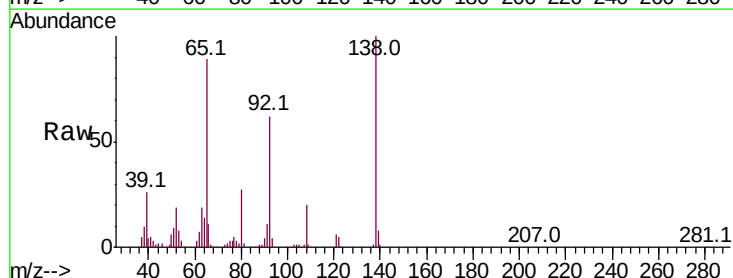
Manual Integrations
APPROVED

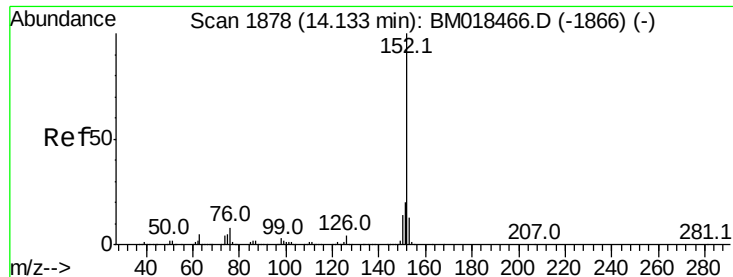
mohammad
1/29/2019 10:06:41 AM



#48
2-Nitroaniline
Concen: 40.007 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.4	80.2
138	112.9	88.9	133.3





#49

Acenaphthylene

Concen: 41.395 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

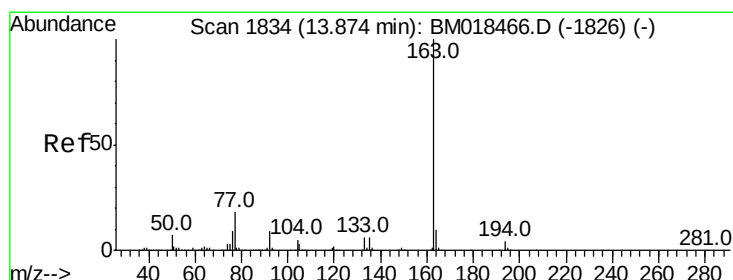
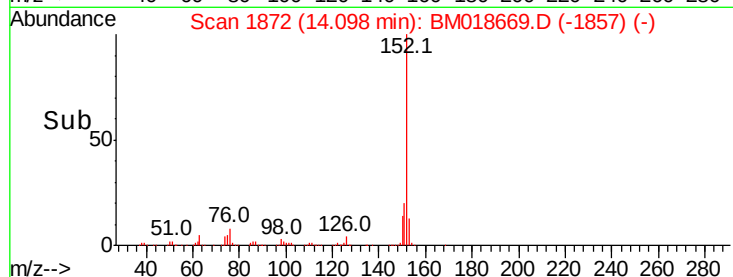
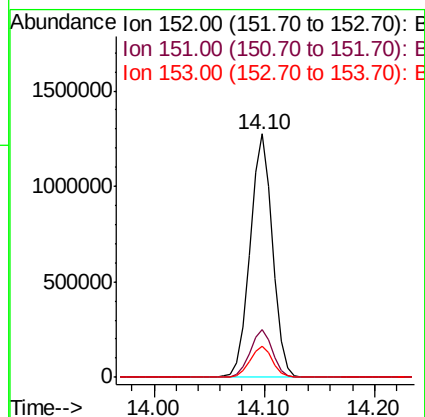
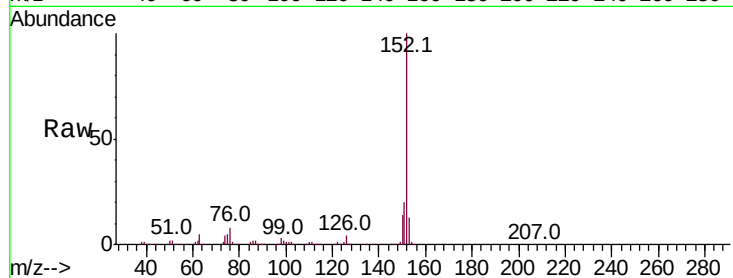
ClientSampleId :

PB116655BS

Tot Ion:	152	Resp:	1808386
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#50

Dimethylphthalate

Concen: 37.986 ng

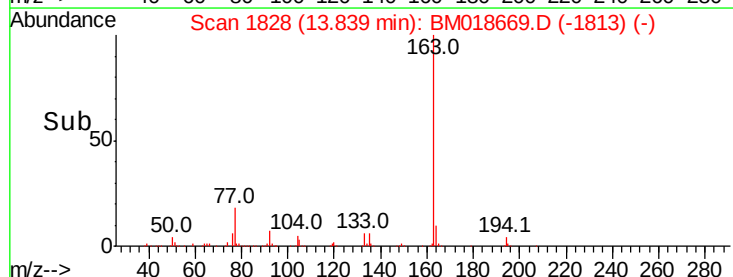
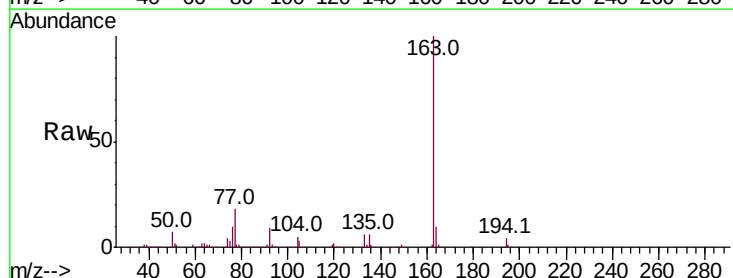
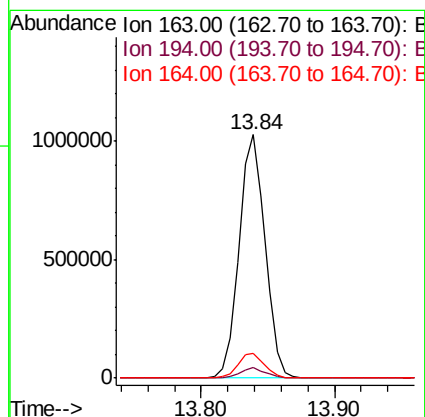
RT: 13.84 min Scan# 1828

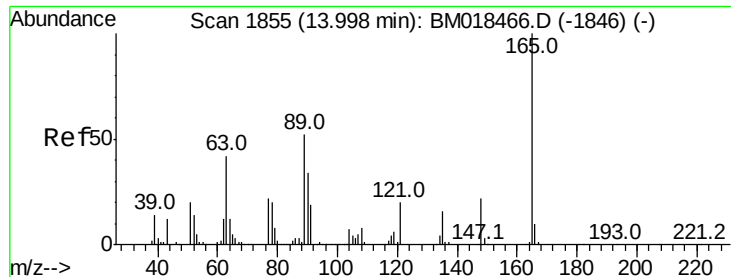
Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	163	Resp:	1381158
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.3	7.8	11.8





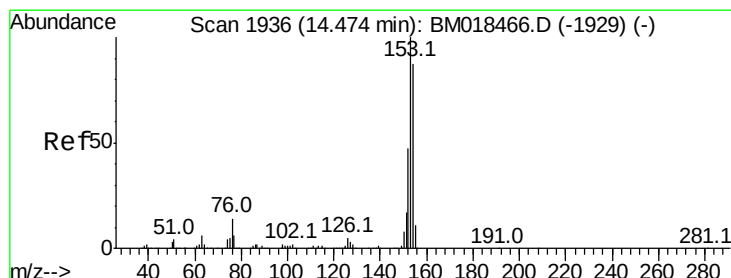
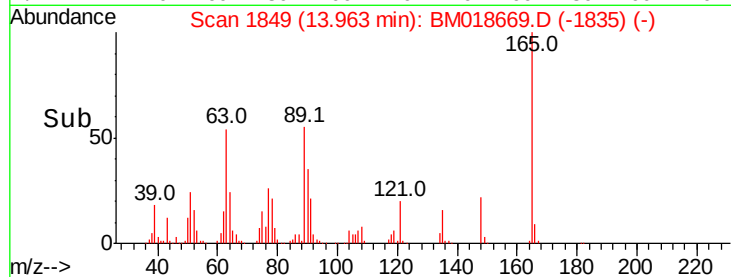
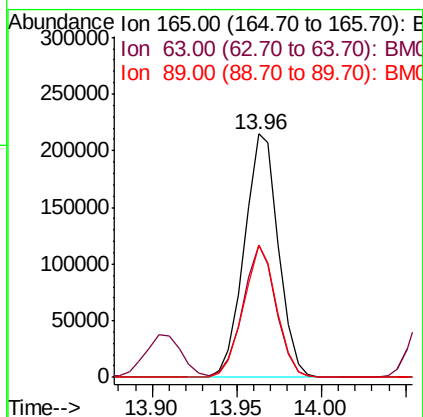
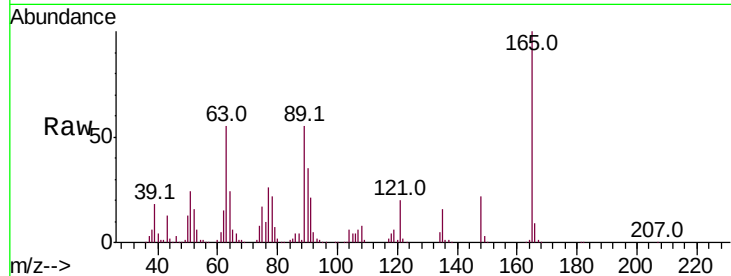
#51
2,6-Dinitrotoluene
Concen: 39.155 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	301570		
63	54.5	45.6	68.4	
89	54.5	44.6	66.8	

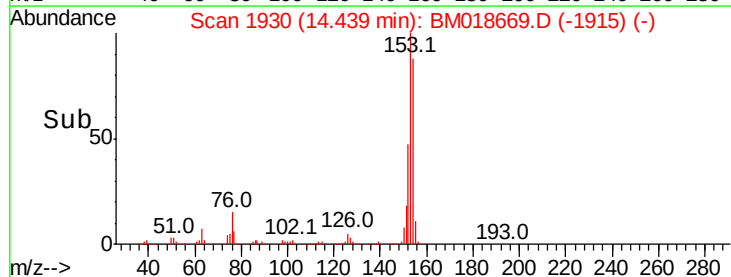
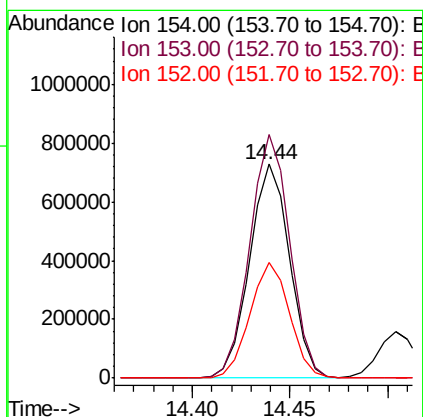
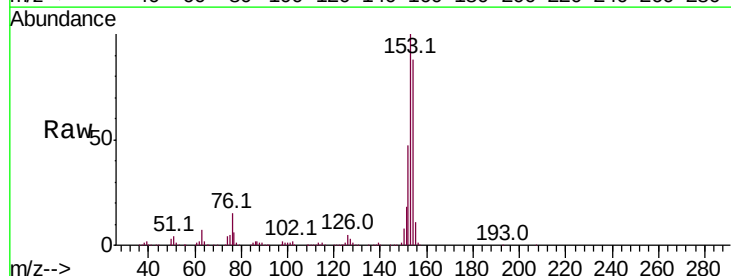
Manual Integrations
APPROVED

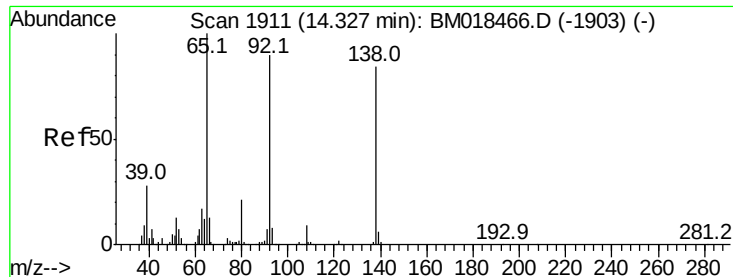
mohammad
1/29/2019 10:06:41 AM



#52
Acenaphthene
Concen: 38.732 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1035279		
153	113.8	92.3	138.5	
152	53.8	43.8	65.6	





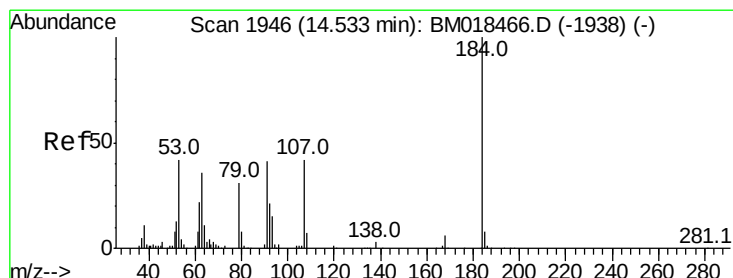
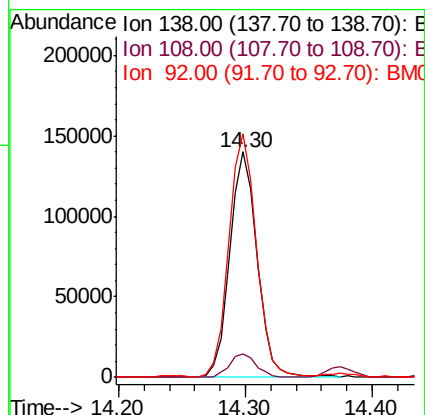
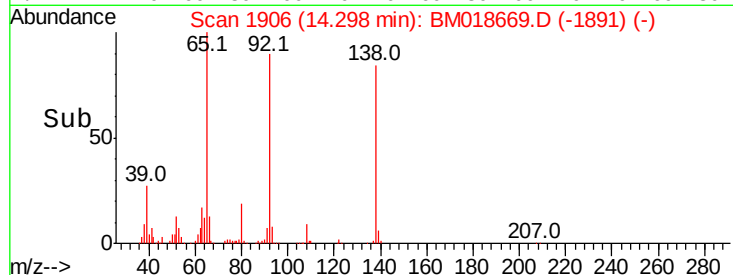
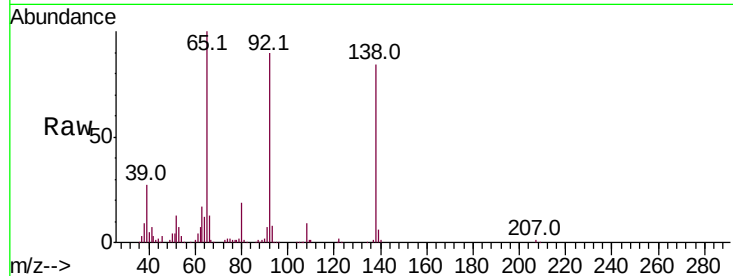
#53
3-Nitroaniline
Concen: 26.850 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	108.0	88.2	132.2

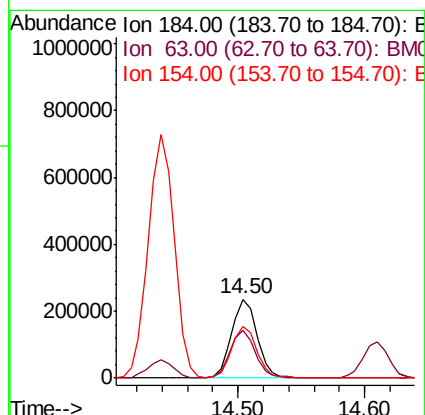
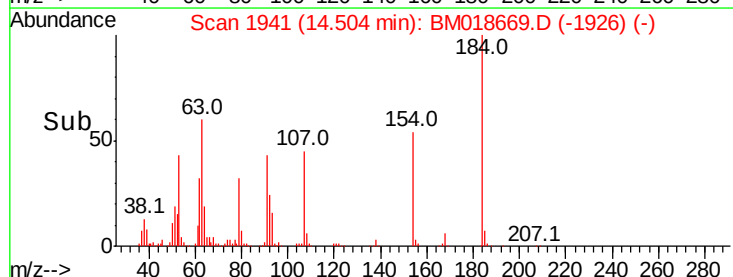
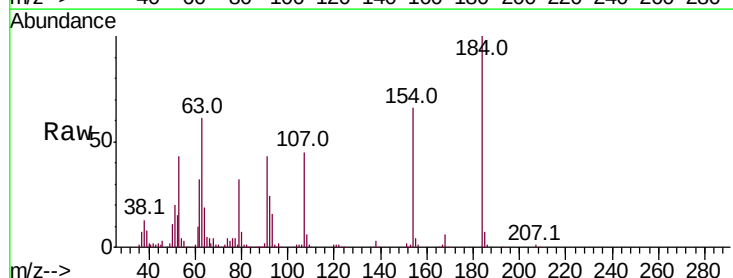
Manual Integrations
APPROVED

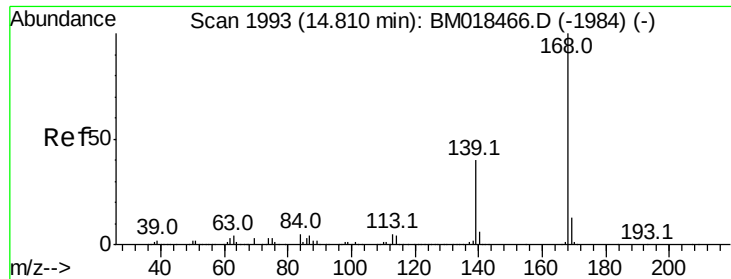
mohammad
1/29/2019 10:06:41 AM



#54
2,4-Dinitrophenol
Concen: 79.018 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	55.9	83.9
154	66.3	54.2	81.4





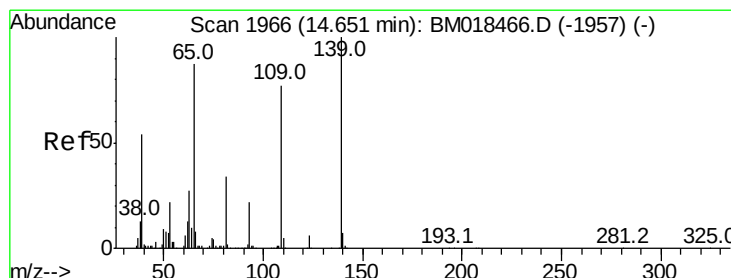
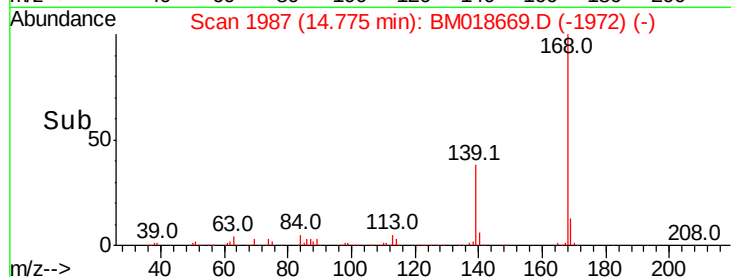
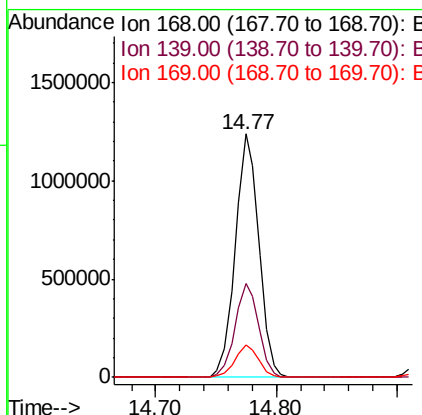
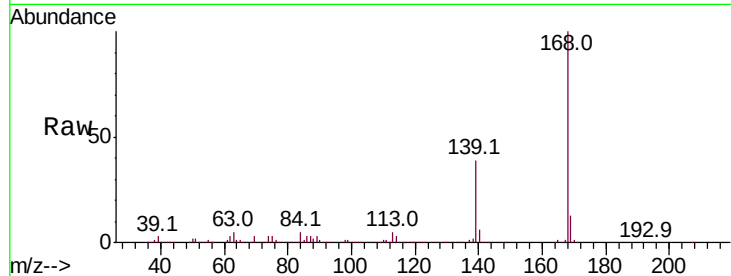
#55
Dibenzofuran
Concen: 38.107 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.3	45.5
169	13.3	10.6	16.0

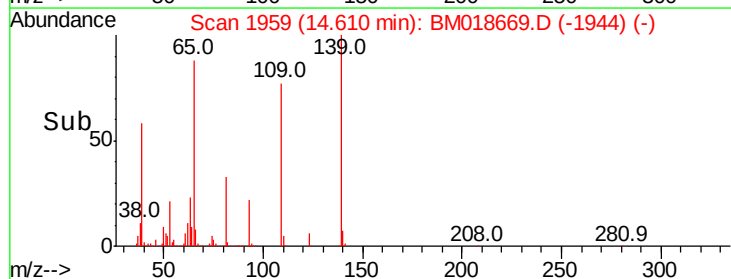
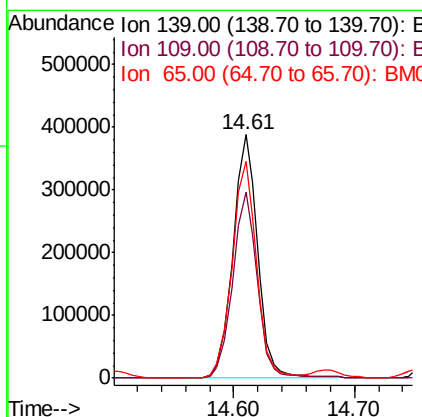
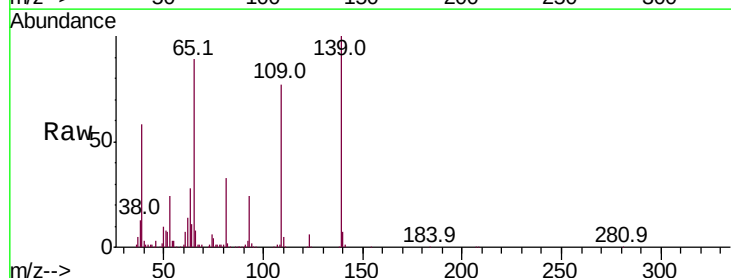
Manual Integrations
APPROVED

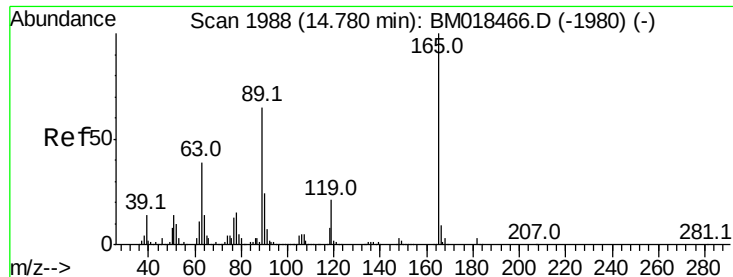
mohammad
1/29/2019 10:06:41 AM



#56
4-Nitrophenol
Concen: 82.533 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	51.7	91.7
65	88.8	71.4	111.4





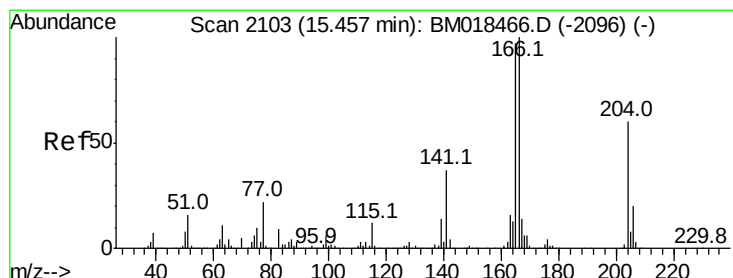
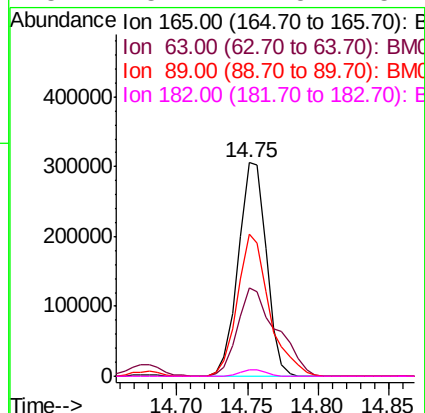
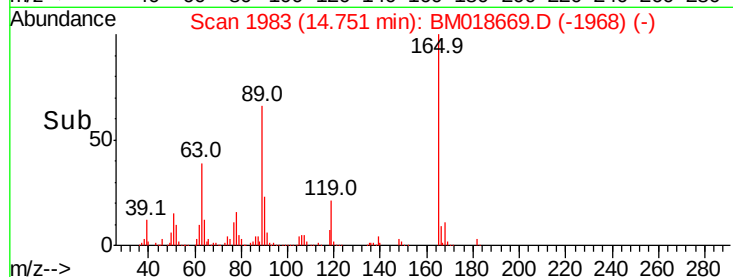
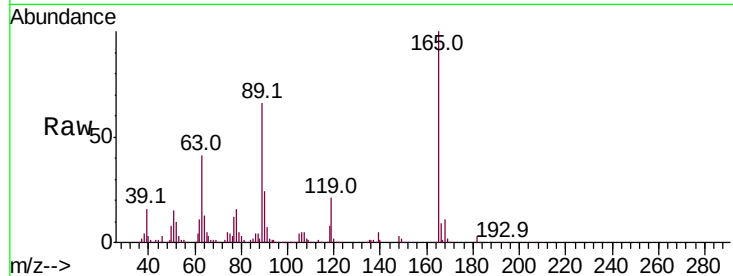
#57
2,4-Dinitrotoluene
Concen: 38.954 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	424500		
63	41.3	32.2	48.2	
89	66.3	52.1	78.1	
182	3.1	2.5	3.7	

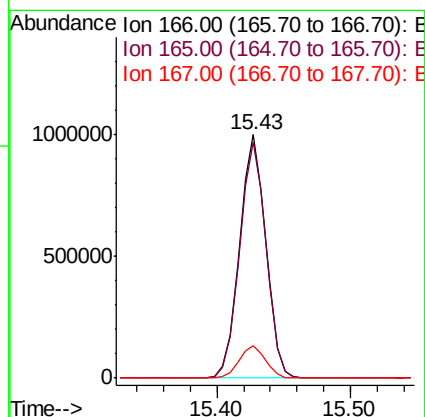
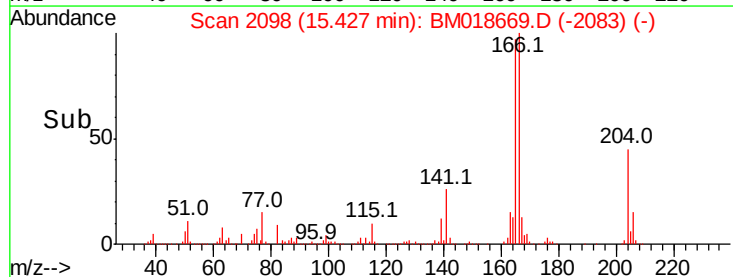
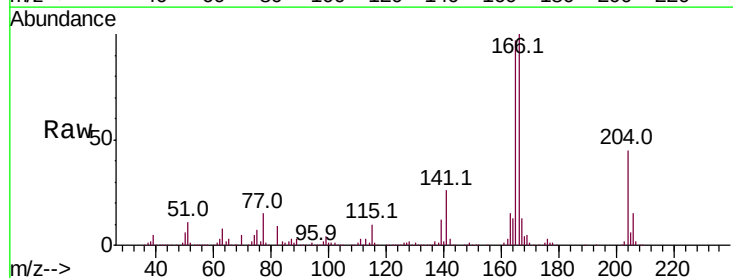
Manual Integrations
APPROVED

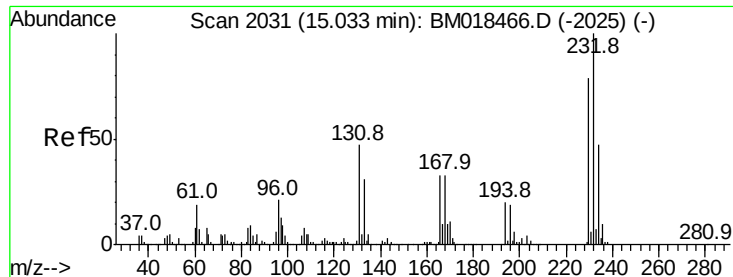
mohammad
1/29/2019 10:06:41 AM



#58
Fluorene
Concen: 41.137 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1353400		
165	96.8	78.3	117.5	
167	13.4	10.9	16.3	





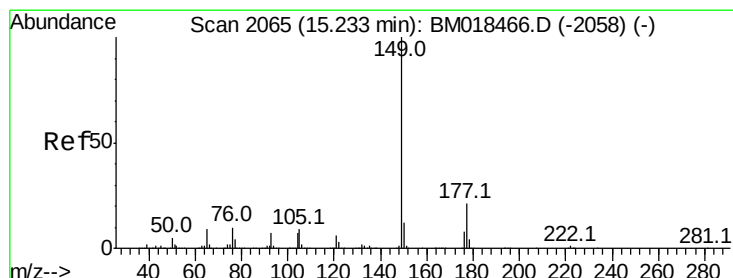
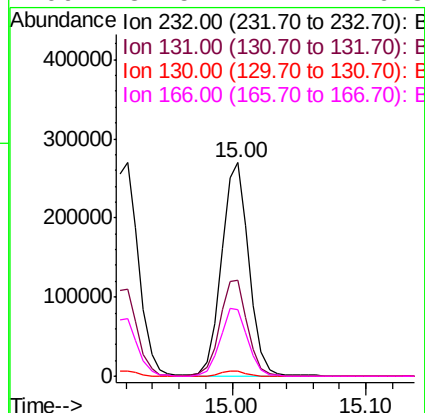
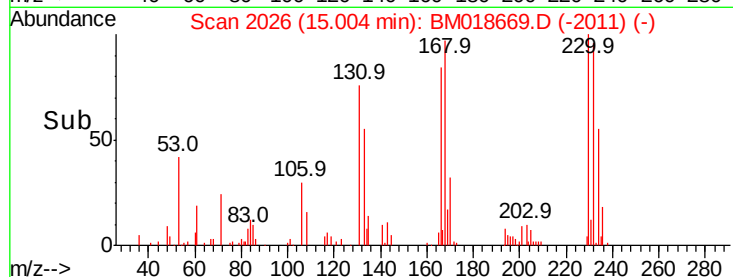
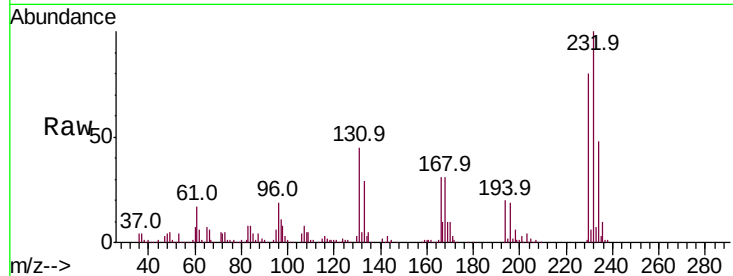
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.683 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	382850		
131	45.8	38.6	57.8	
130	2.4	2.2	3.4	
166	32.5	27.2	40.8	

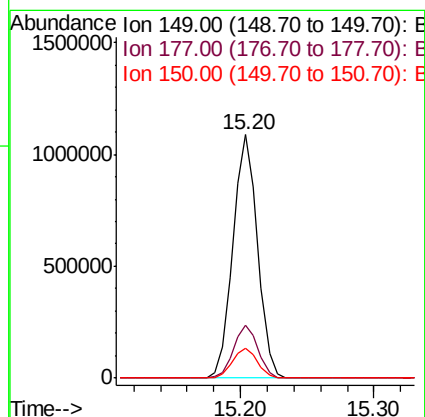
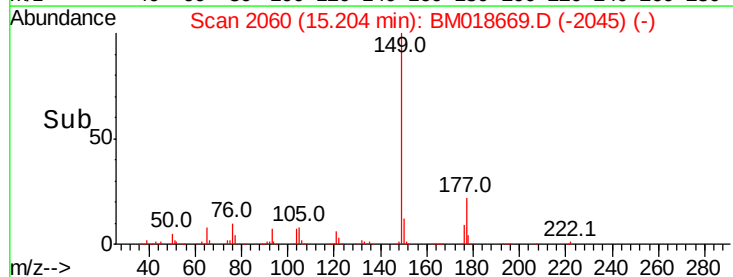
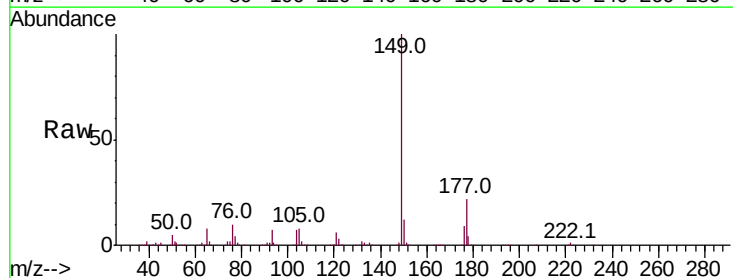
Manual Integrations
APPROVED

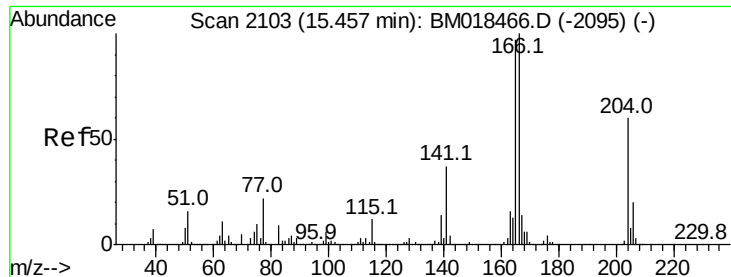
mohammad
1/29/2019 10:06:41 AM



#60
Diethylphthalate
Concen: 38.157 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1400587		
177	21.5	17.1	25.7	
150	12.3	9.8	14.6	





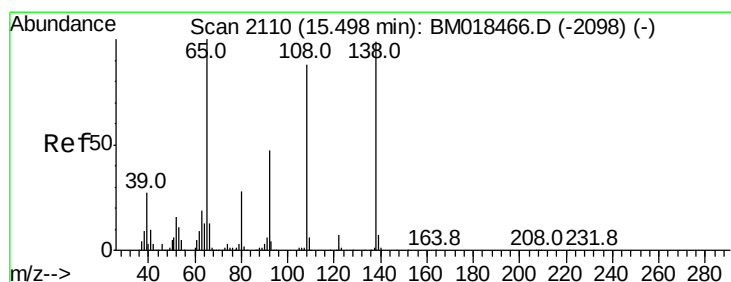
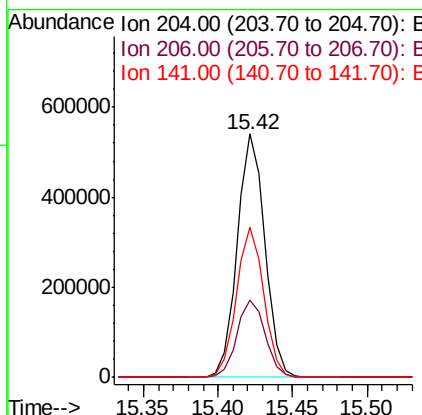
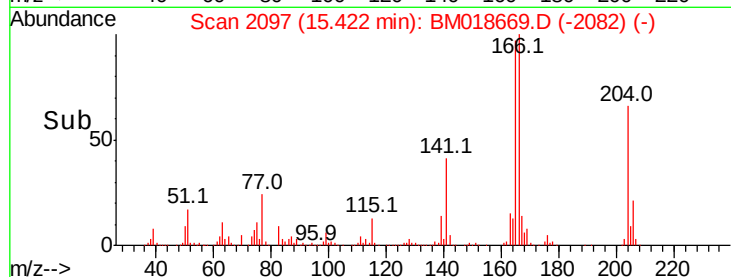
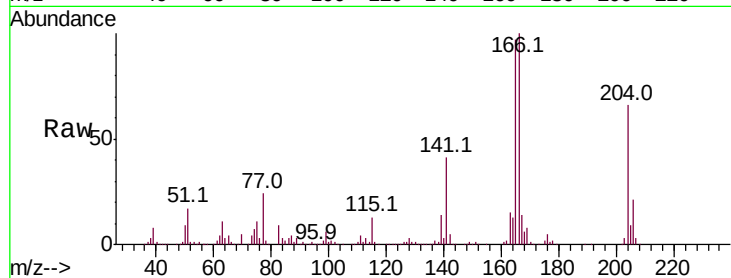
#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.8	38.6
141	61.5	49.5	74.3

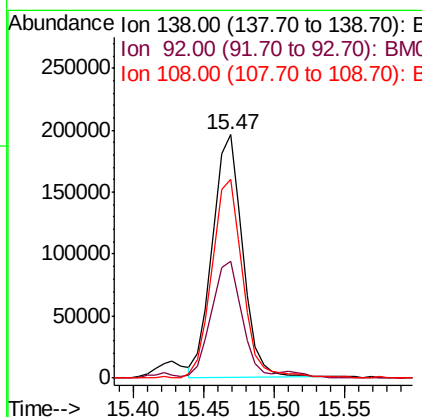
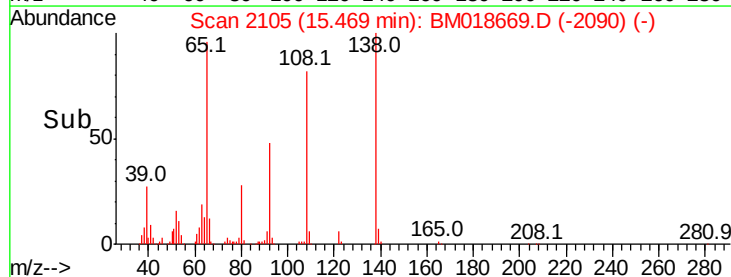
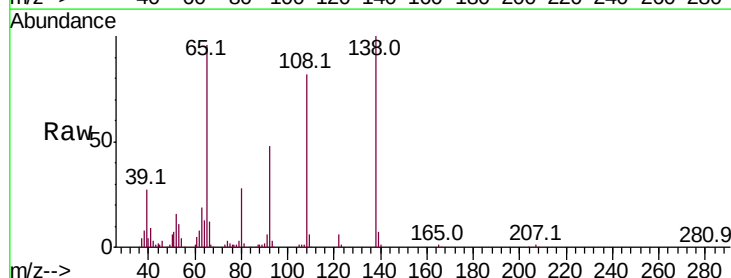
Manual Integrations
APPROVED

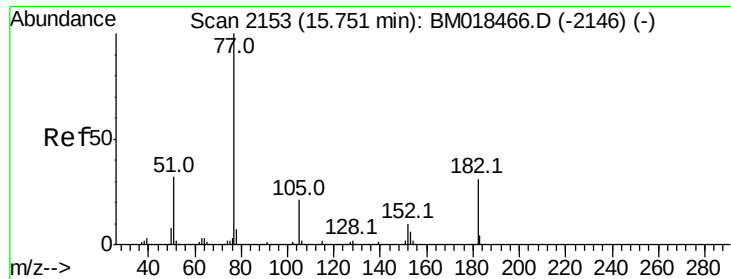
mohammad
1/29/2019 10:06:41 AM



#62
4-Nitroaniline
Concen: 34.430 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	29.0	69.0
108	81.7	63.9	103.9





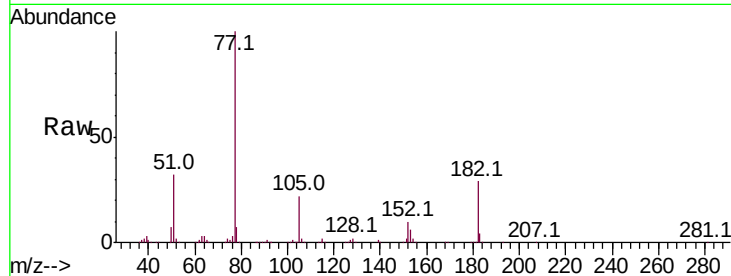
#63
Azobenzene
Concen: 38.691 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.4	47.4
105	21.6	0.0	39.6
51	32.3	12.0	52.0

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



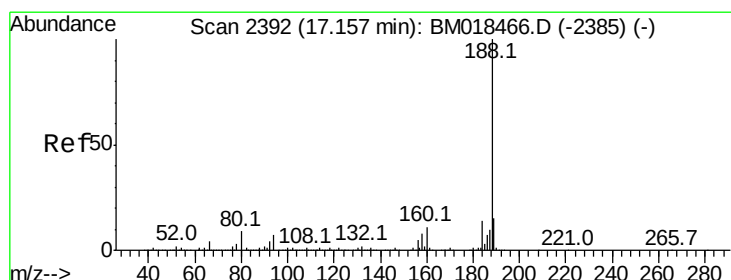
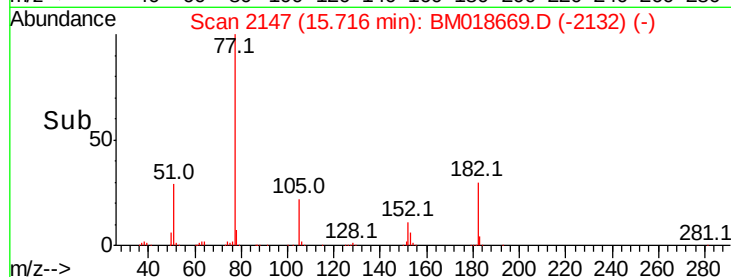
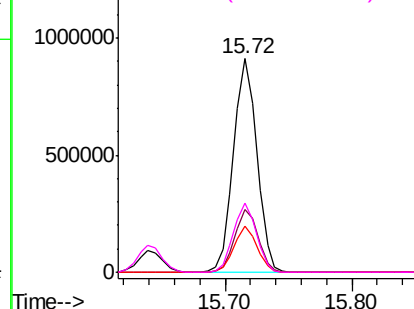
Abundance

Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

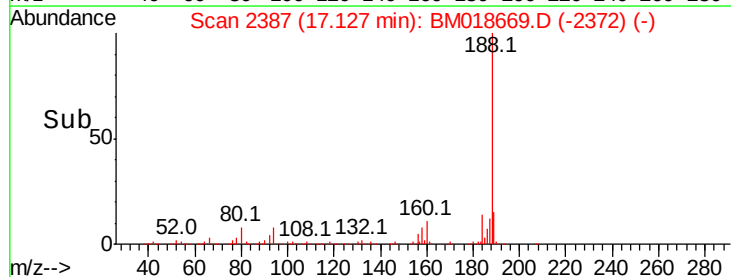
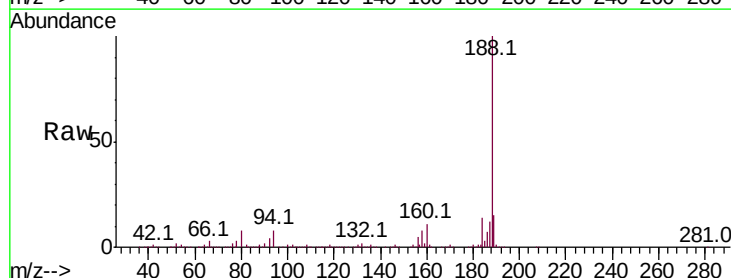
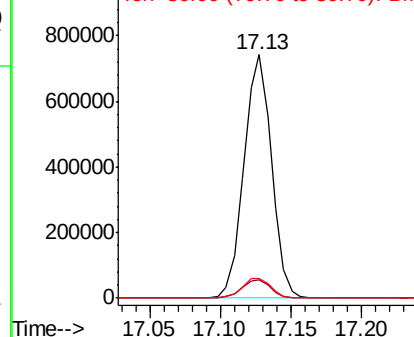
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.1	7.6	11.4

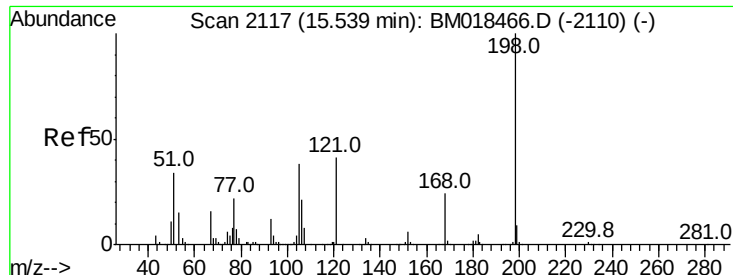
Abundance

Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





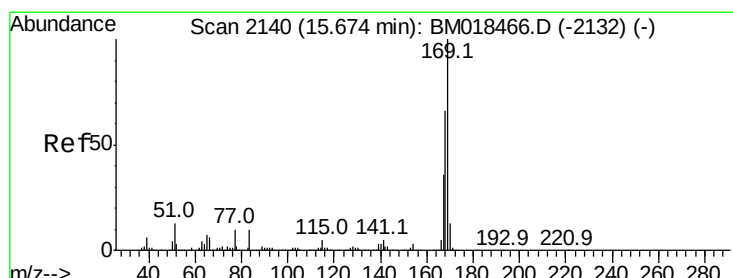
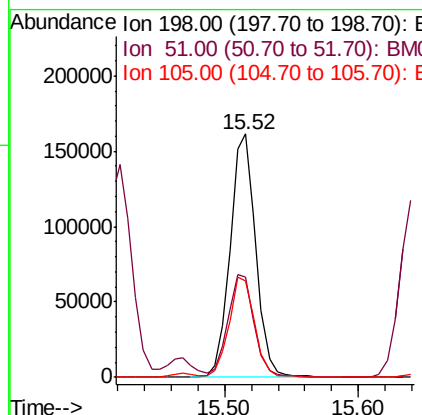
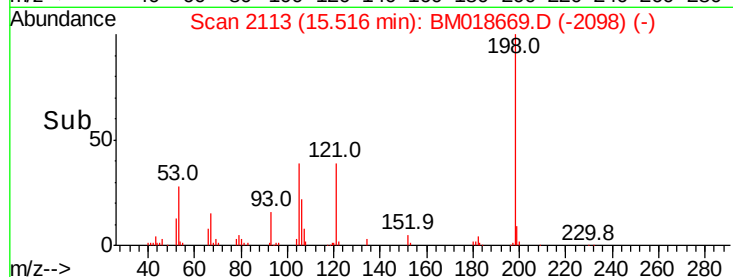
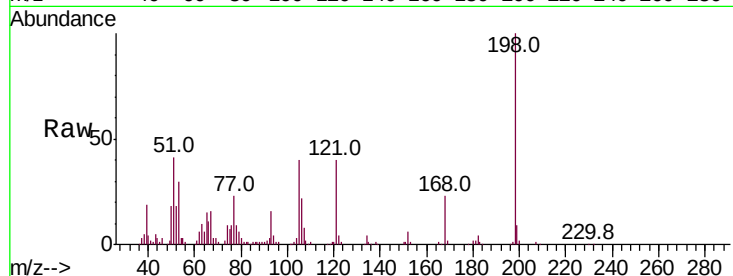
#65
4,6-Dinitro-2-methylphenol
Concen: 35.390 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	217421		
51	41.0	29.6	69.6	
105	39.5	25.5	65.5	

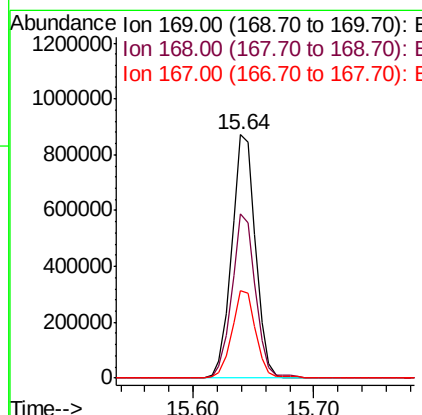
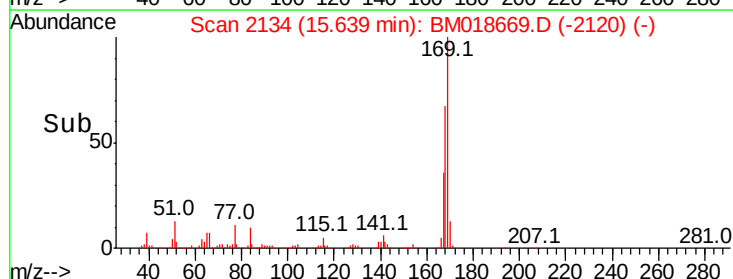
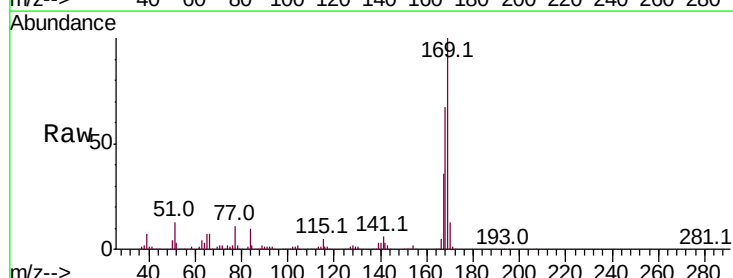
Manual Integrations
APPROVED

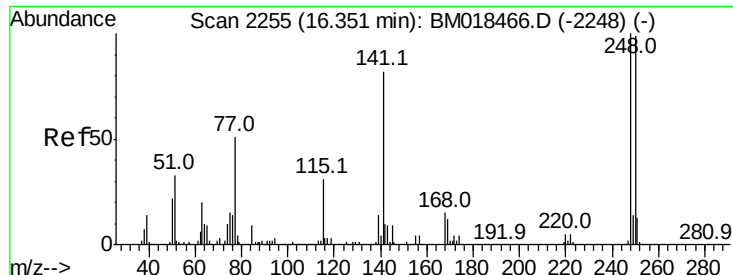
mohammad
1/29/2019 10:06:41 AM



#66
n-Nitrosodiphenylamine
Concen: 37.927 ng
RT: 15.64 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1187536		
168	67.3	54.1	81.1	
167	35.9	28.6	42.8	





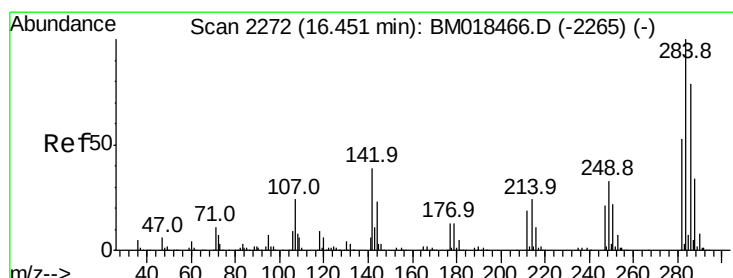
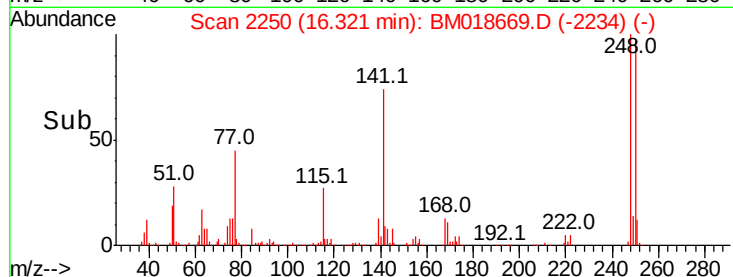
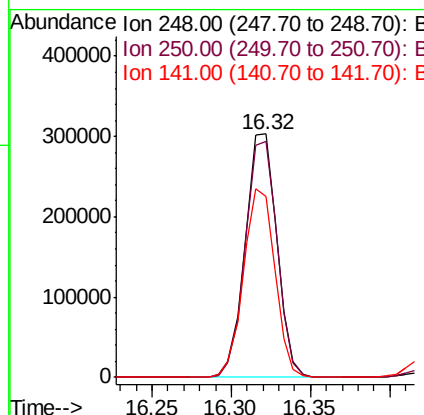
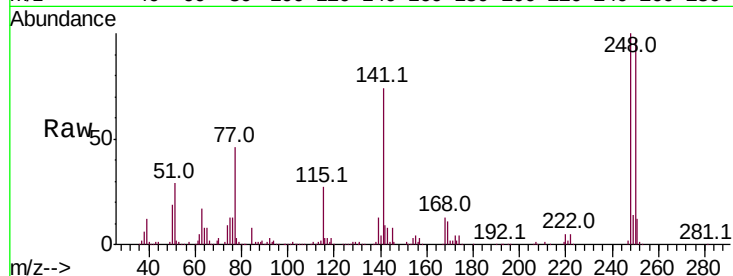
#67
4-Bromophenyl-phenylether
Concen: 37.329 ng
RT: 16.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.0	114.0
141	74.4	61.5	92.3

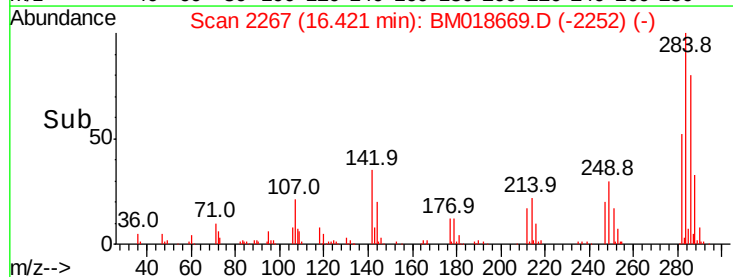
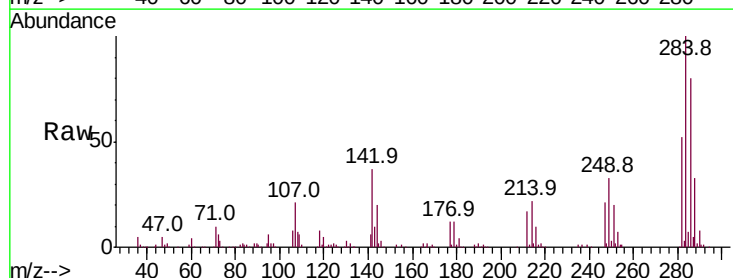
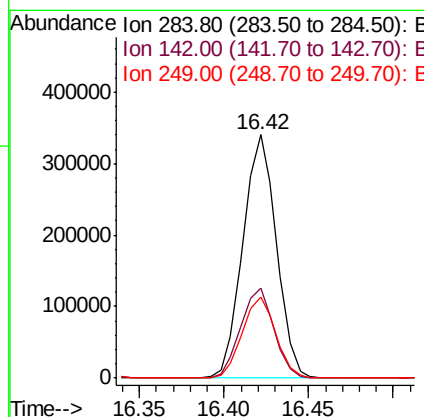
Manual Integrations
APPROVED

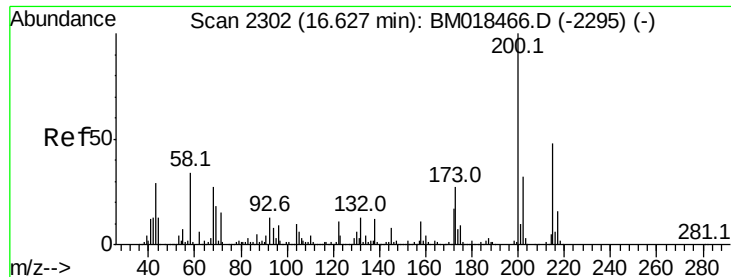
mohammad
1/29/2019 10:06:41 AM



#68
Hexachlorobenzene
Concen: 37.218 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.2	43.8
249	33.3	26.1	39.1





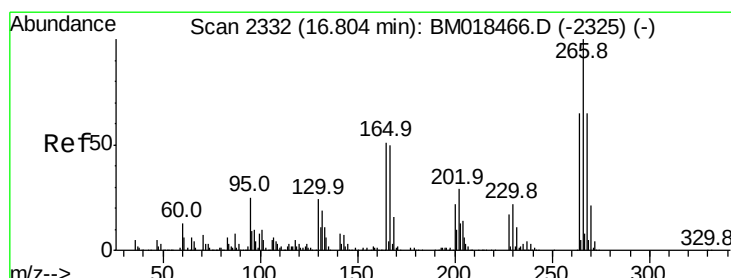
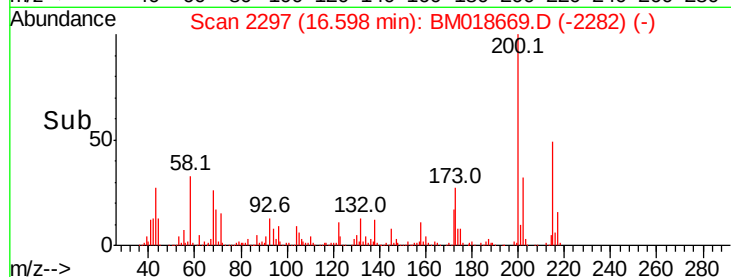
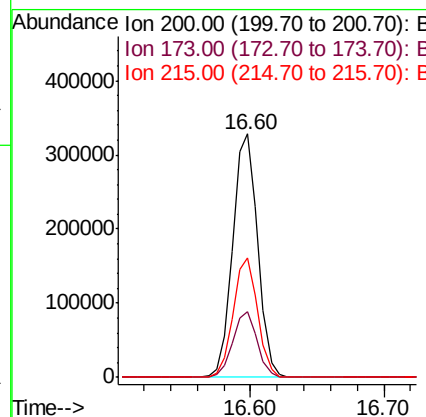
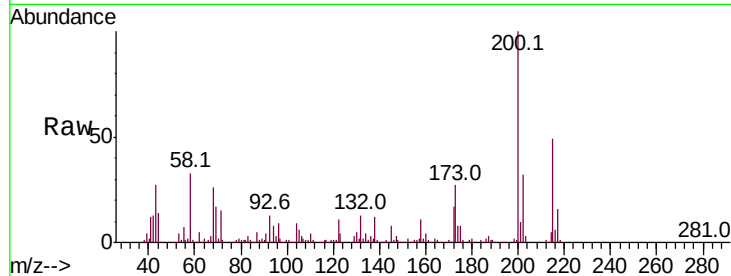
#69
Atrazine
Concen: 37.955 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.2	47.2
215	49.3	28.3	68.3

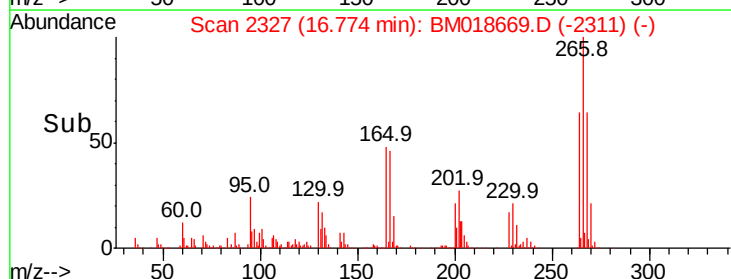
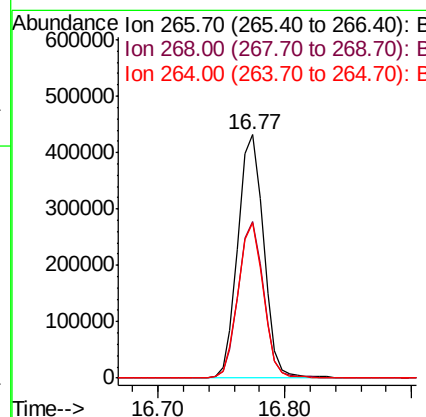
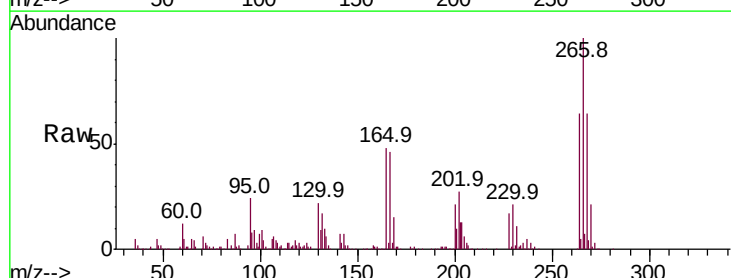
Manual Integrations
APPROVED

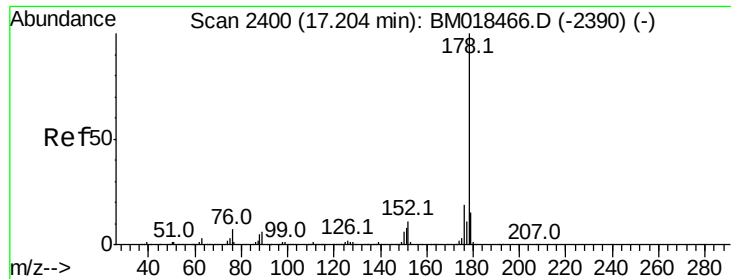
mohammad
1/29/2019 10:06:41 AM



#70
Pentachlorophenol
Concen: 73.568 ng
RT: 16.77 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.8	74.6
264	64.0	50.1	75.1





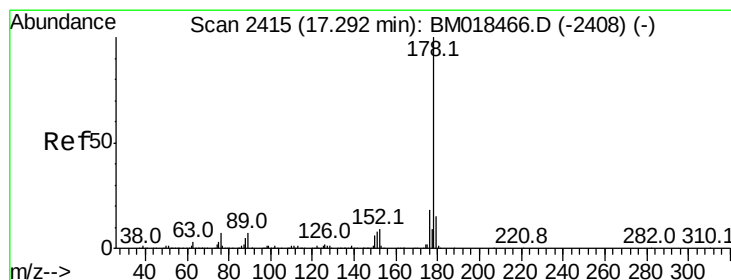
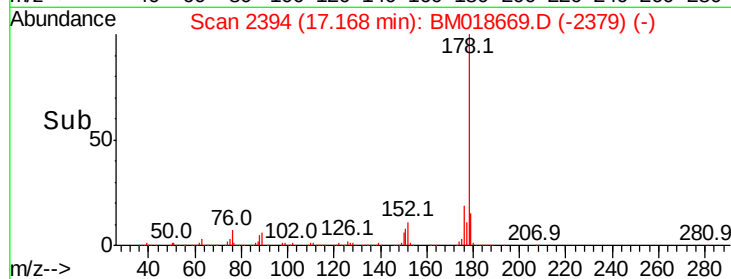
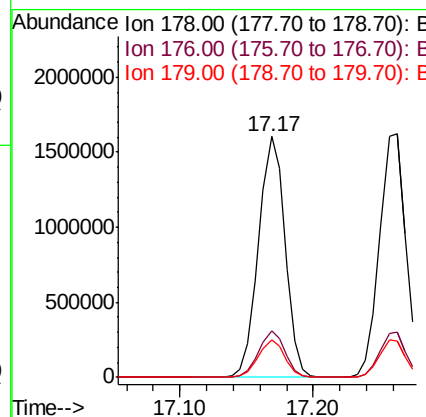
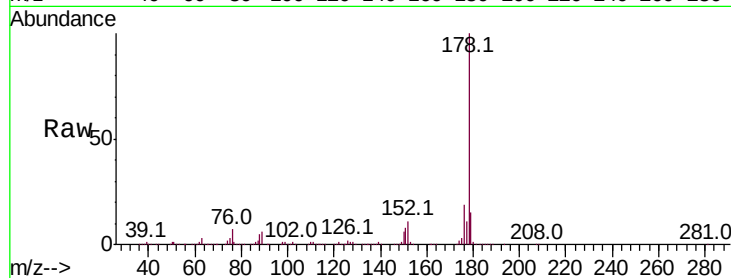
#71
Phenanthrene
Concen: 40.794 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.2	18.4

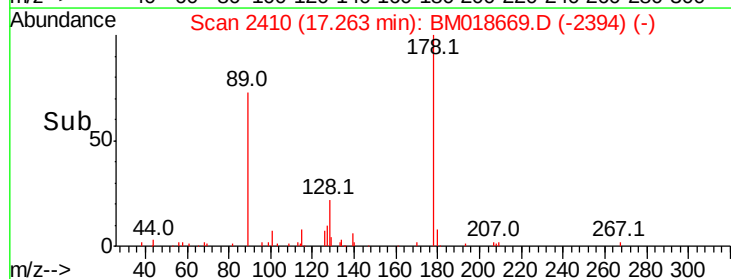
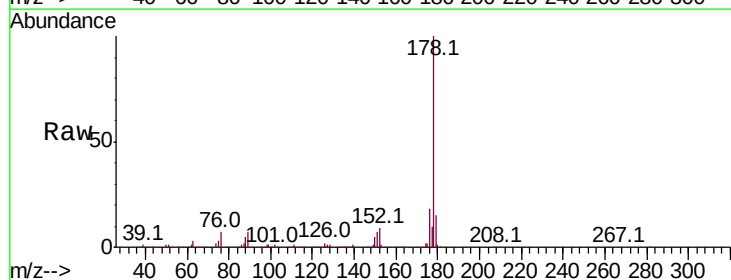
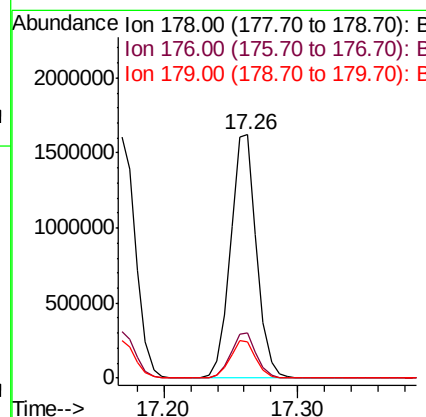
Manual Integrations
APPROVED

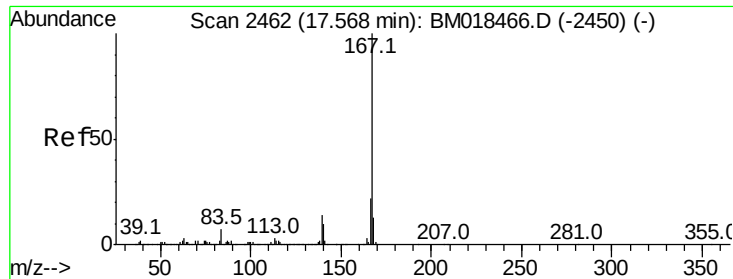
mohammad
1/29/2019 10:06:41 AM



#72
Anthracene
Concen: 42.878 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.2	18.4





#73

Carbazole

Concen: 37.974 ng

RT: 17.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tot Ion:167 Resp: 2014218

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

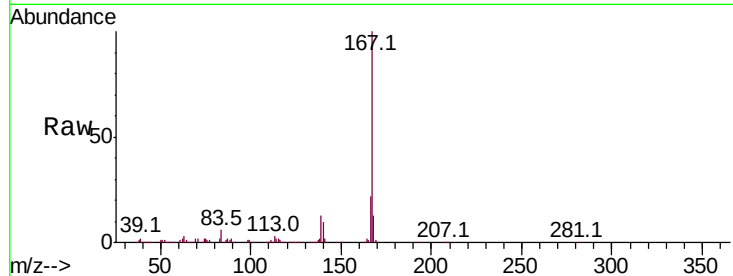
139 12.9 10.6 16.0

Manual Integrations

APPROVED

mohammad

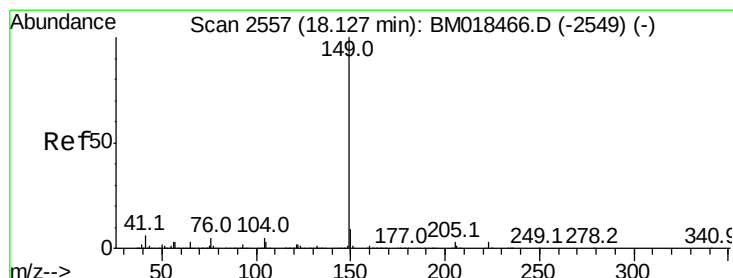
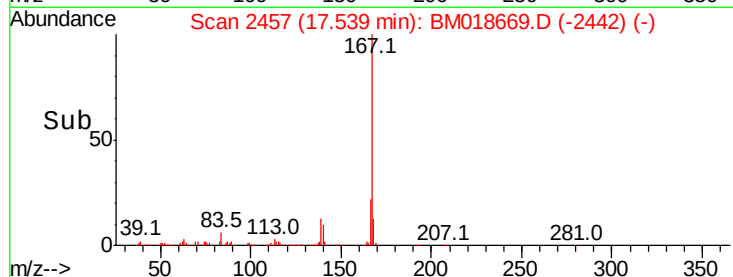
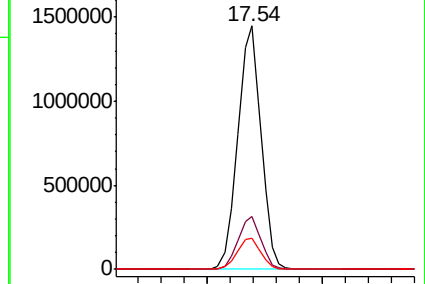
1/29/2019 10:06:41 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.351 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

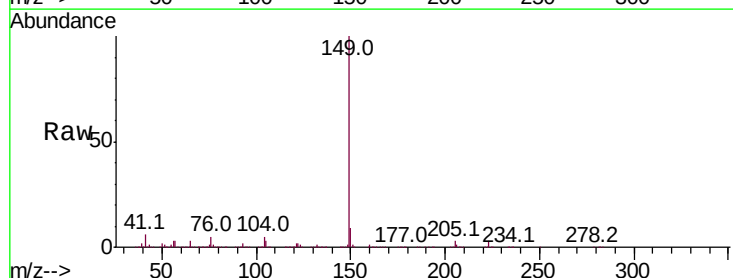
Tgt Ion:149 Resp: 2402546

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

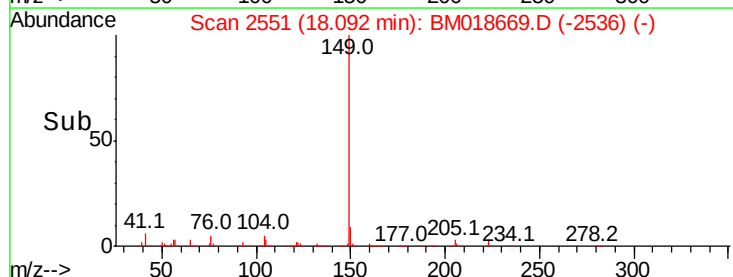
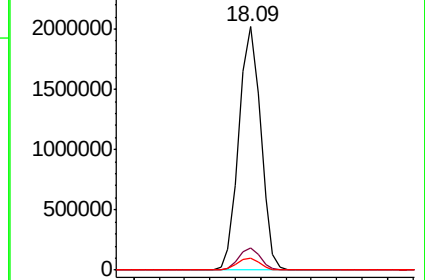
104 4.9 4.2 6.4

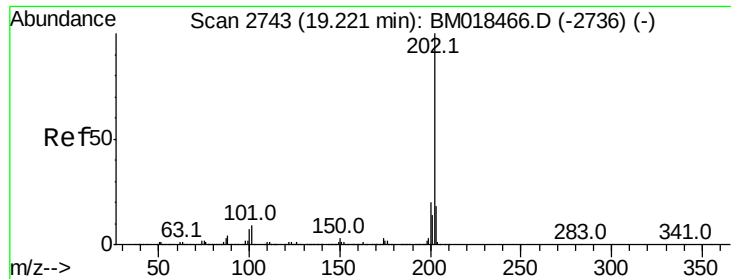


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.500 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

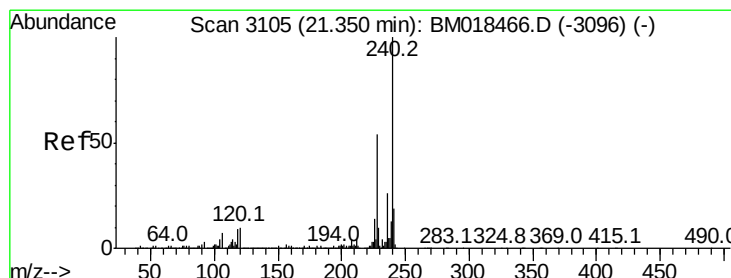
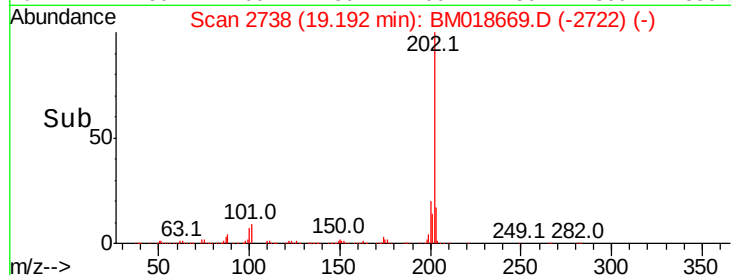
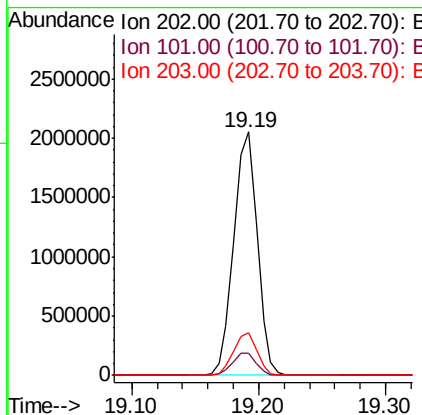
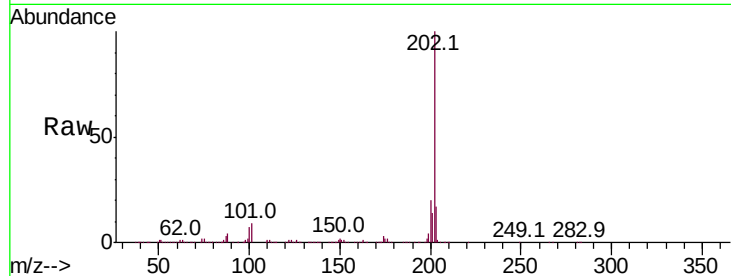
ClientSampleId :

PB116655BS

Tot Ion:	202	Resp:	2630734
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.9
203	17.3	0.0	37.4

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#76

Chrysene-d12

Concen: 20.000 ng

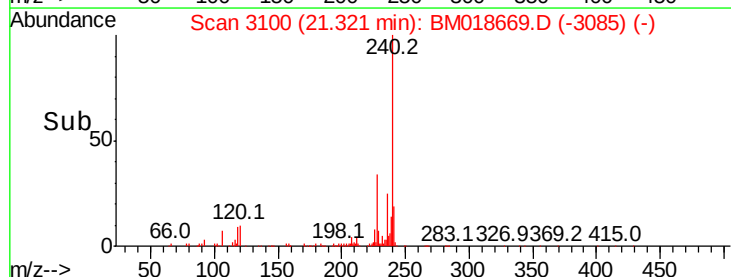
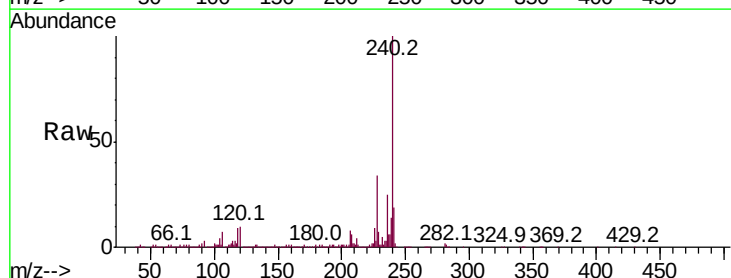
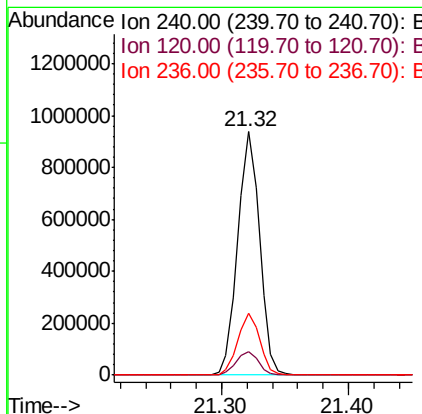
RT: 21.32 min Scan# 3100

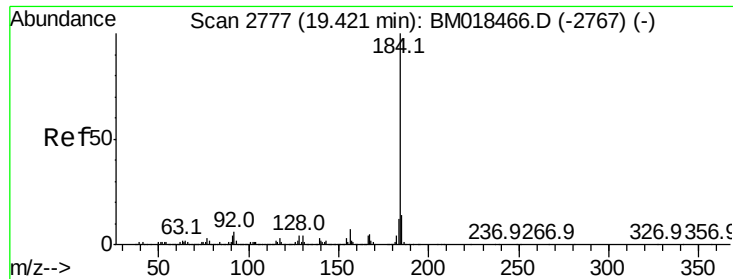
Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	240	Resp:	1113553
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.4	12.6
236	25.4	20.7	31.1





#77

Benzidine

Concen: 50.932 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tot Ion:184 Resp: 1400398

Ion Ratio Lower Upper

184 100

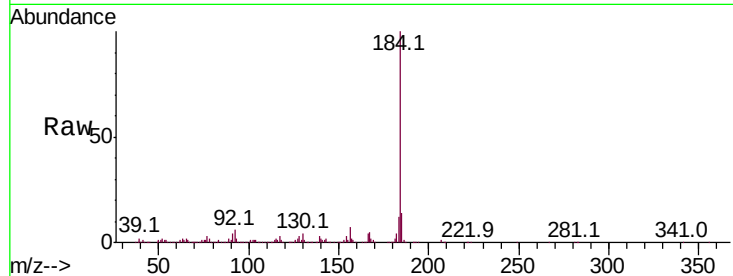
185 14.0 11.4 17.0

183 12.0 9.5 14.3

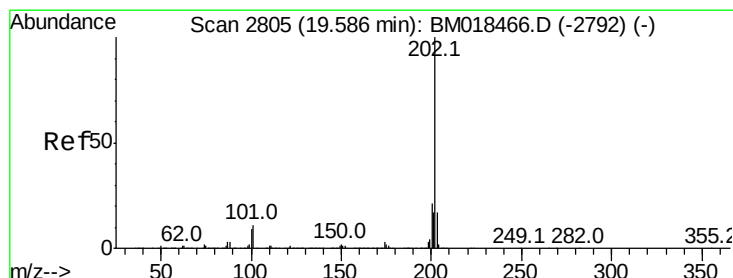
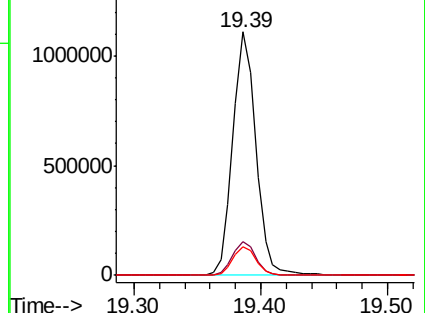
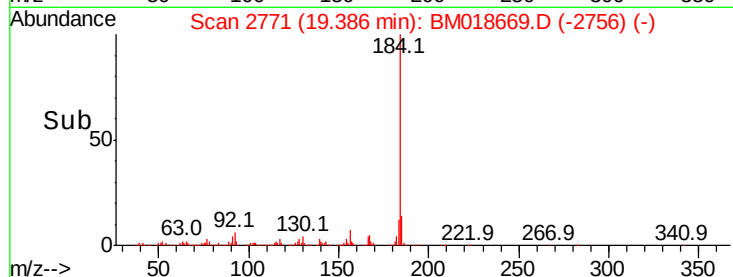
Manual Integrations
APPROVED

mohammad

1/29/2019 10:06:41 AM



Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.434 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

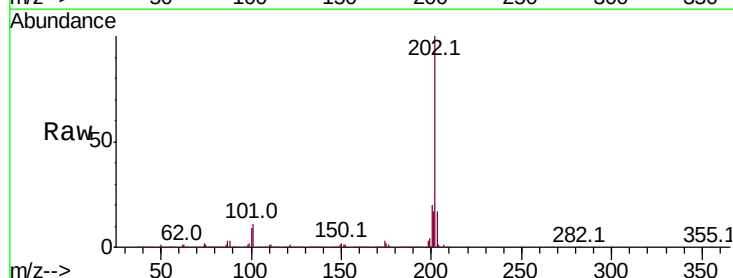
Tgt Ion:202 Resp: 2734872

Ion Ratio Lower Upper

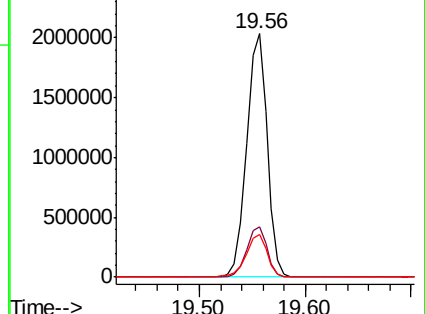
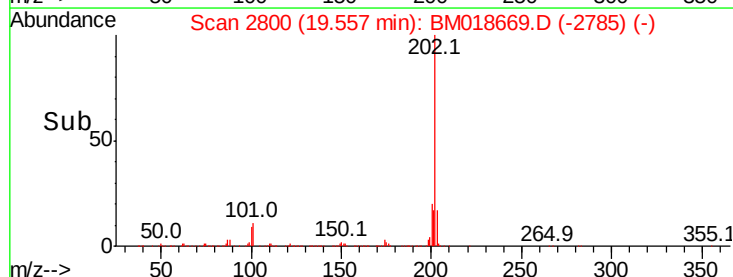
202 100

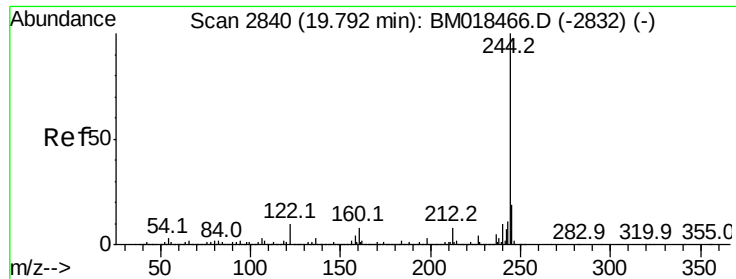
200 20.5 16.6 24.8

203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





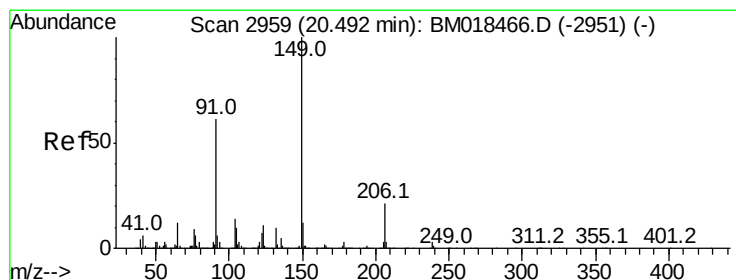
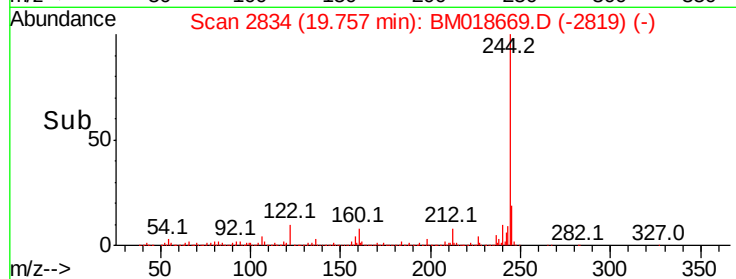
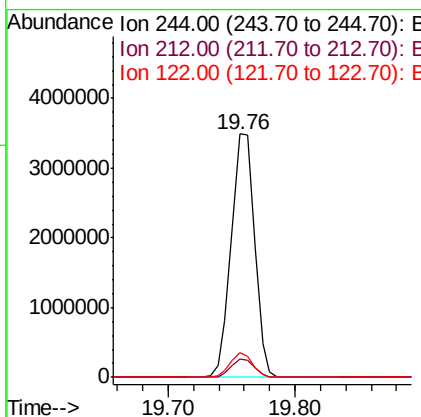
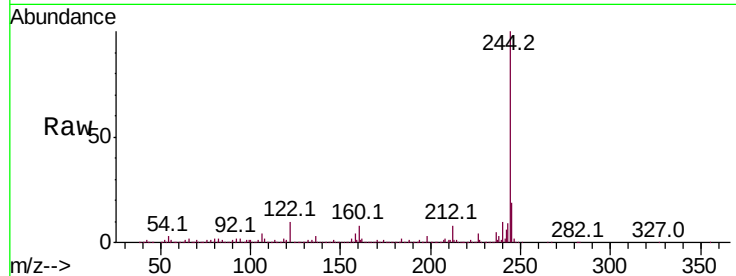
#79
Terphenyl-d14
Concen: 83.943 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion:244 Resp: 4434245
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.4 9.0 13.4

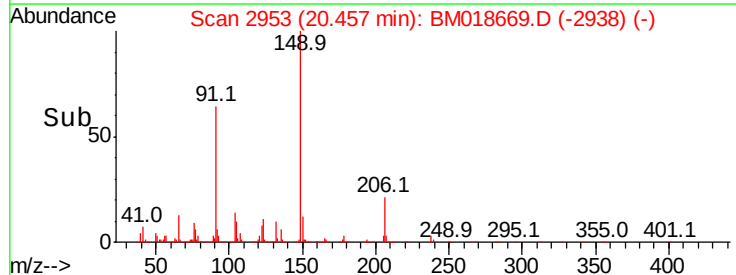
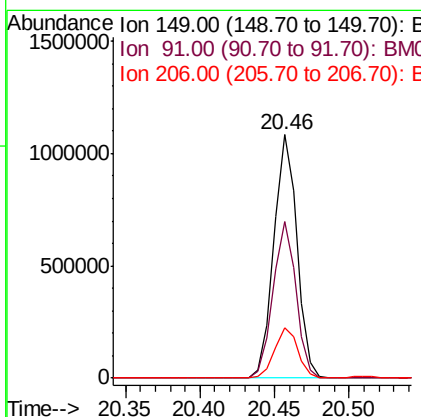
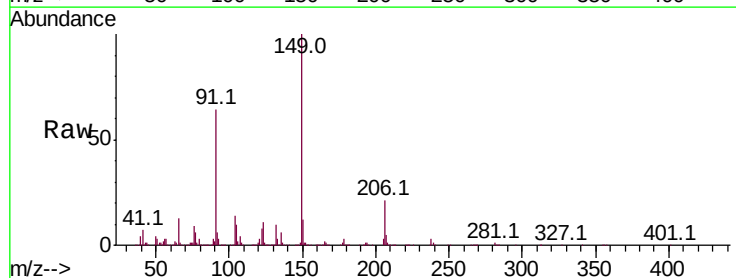
Manual Integrations
APPROVED

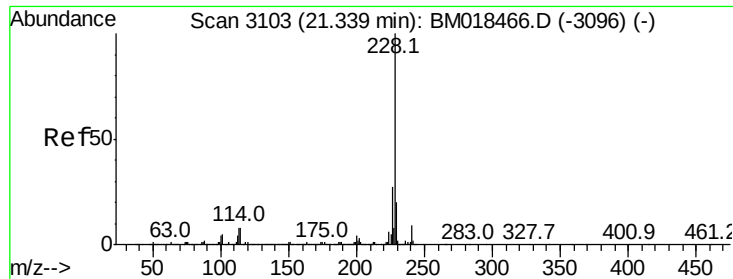
mohammad
1/29/2019 10:06:41 AM



#80
Butylbenzylphthalate
Concen: 41.681 ng
RT: 20.46 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:149 Resp: 1173967
Ion Ratio Lower Upper
149 100
91 64.3 53.1 79.7
206 20.8 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.510 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tot Ion:228 Resp: 2723119

Ion Ratio Lower Upper

228 100

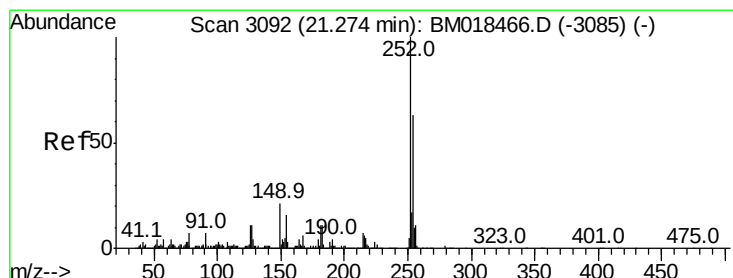
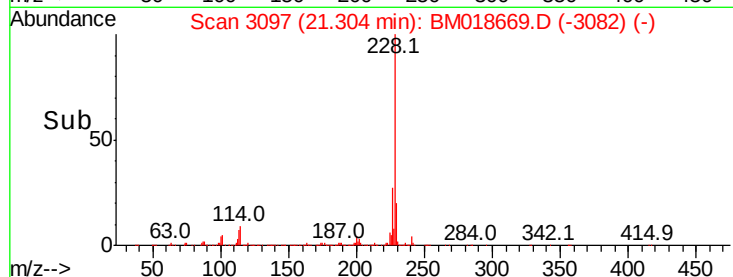
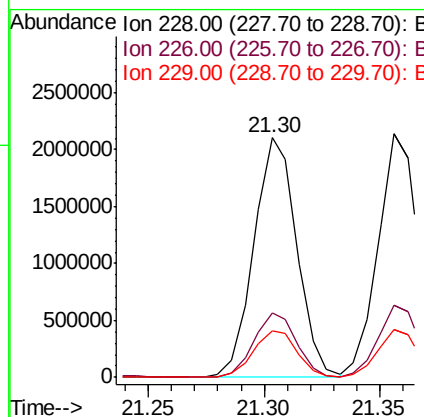
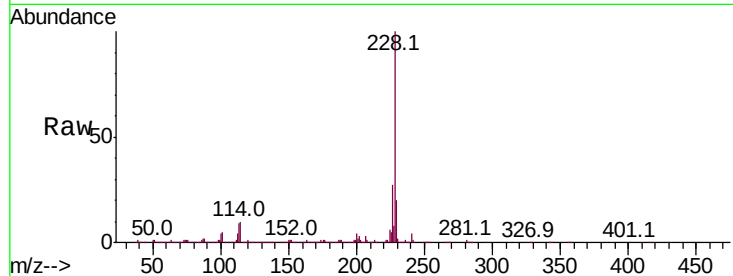
226 26.8 21.8 32.6

229 19.7 15.8 23.8

Manual Integrations
APPROVED

mohammad

1/29/2019 10:06:41 AM



#82

3,3'-Dichlorobenzidine

Concen: 29.496 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

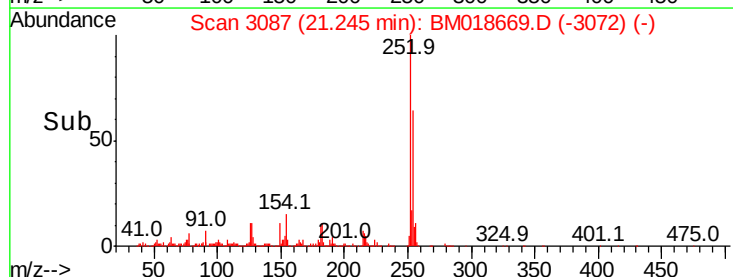
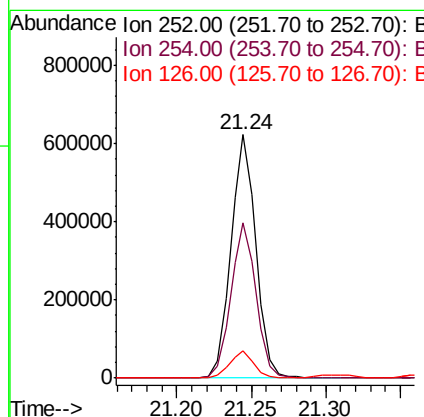
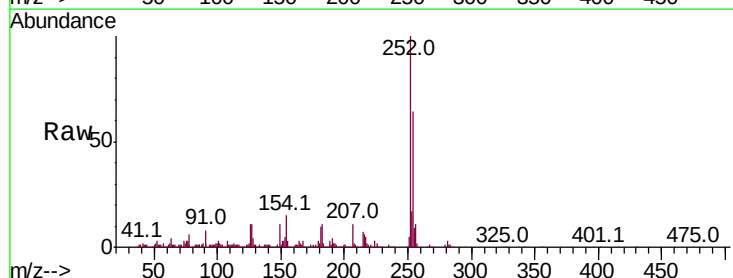
Tgt Ion:252 Resp: 731706

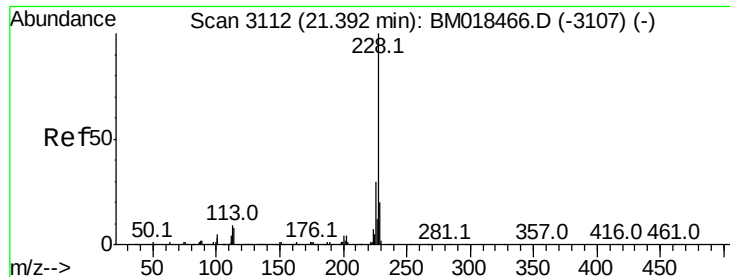
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 11.3 8.7 13.1





#83

Chrysene

Concen: 40.550 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tot Ion:228 Resp: 2568784

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.5	15.6	23.4

228 100

226 29.4 24.2 36.2

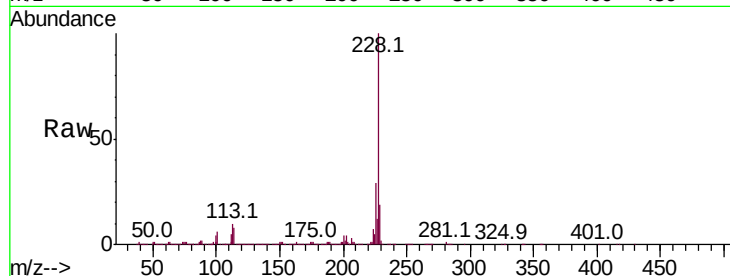
229 19.5 15.6 23.4

Manual Integrations

APPROVED

mohammad

1/29/2019 10:06:41 AM

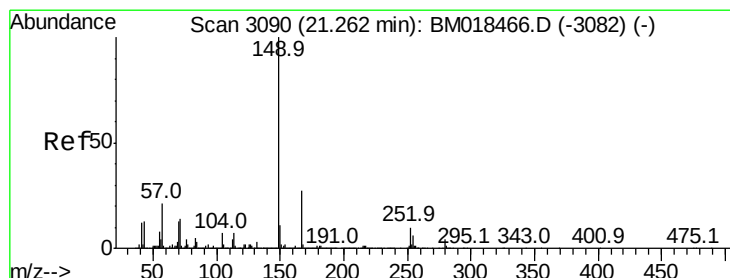
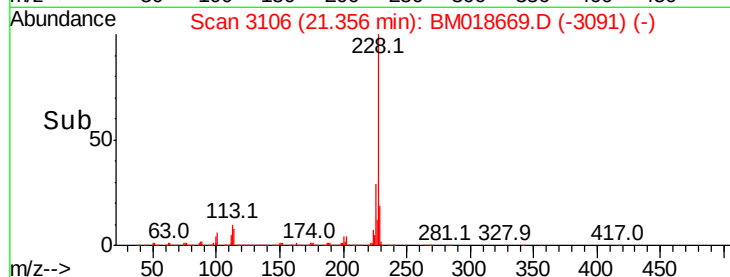
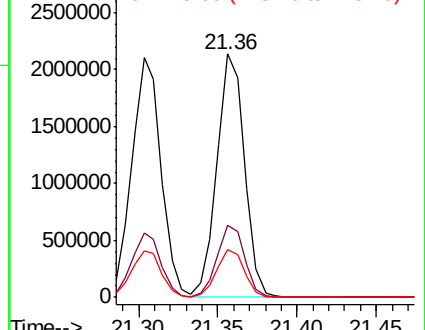


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.555 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:149 Resp: 1690095

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.1	3.3	4.9

149 100

167 27.1 21.6 32.4

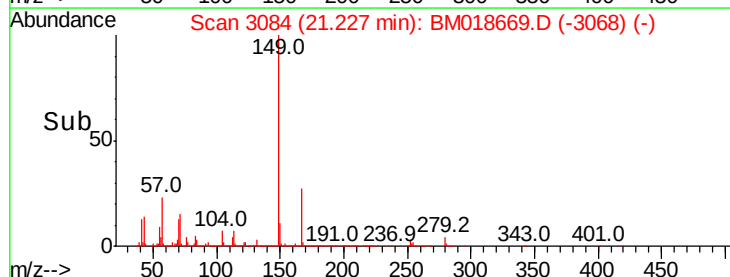
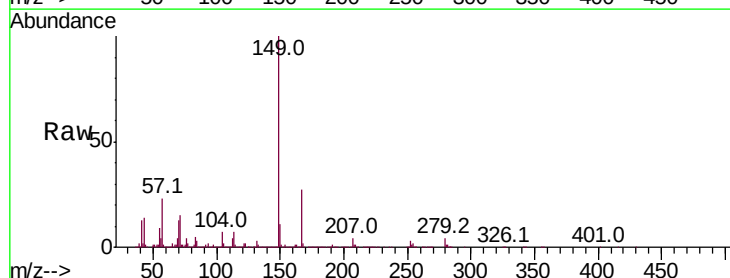
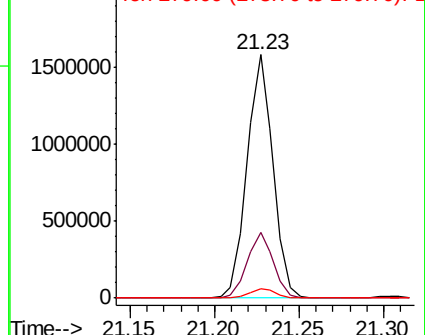
279 4.1 3.3 4.9

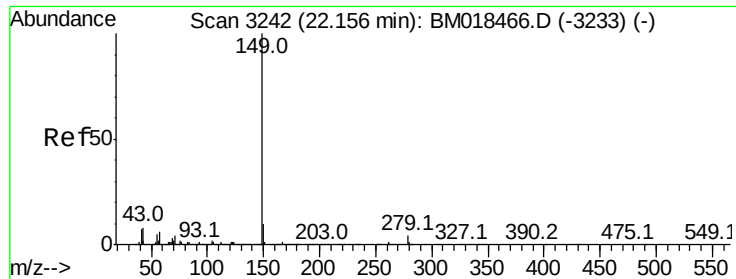
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.230 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

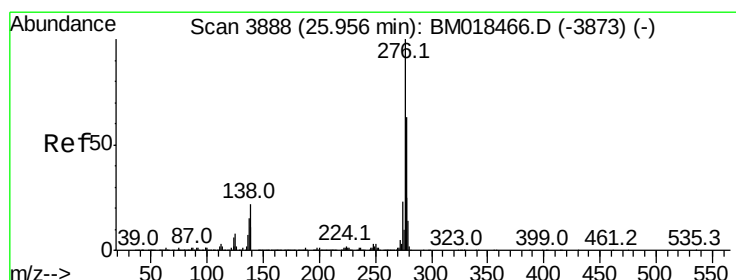
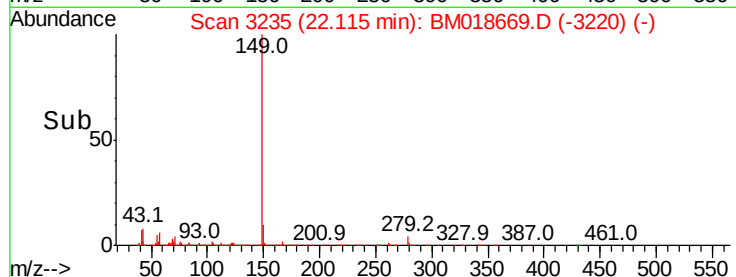
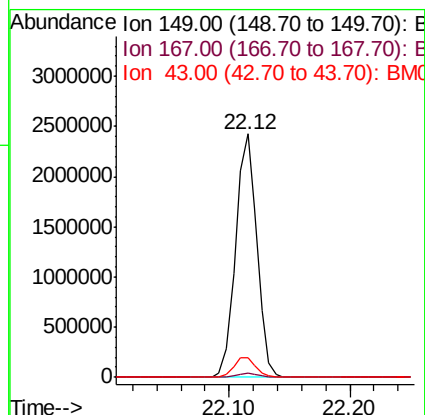
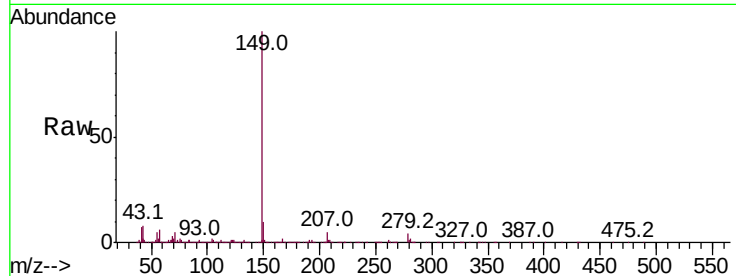
ClientSampleId :

PB116655BS

Tot Ion:	149	Resp:	2957174
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.4	8.6	12.8#

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.713 ng

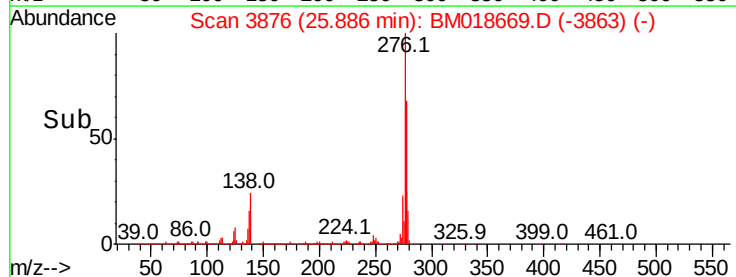
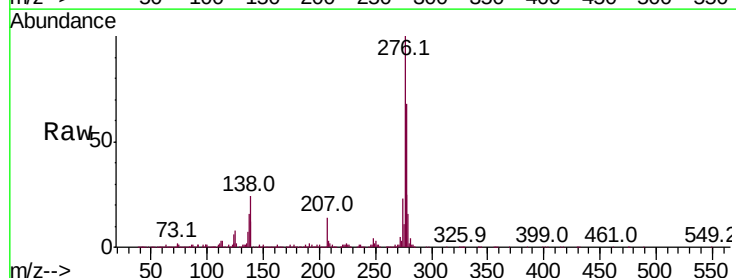
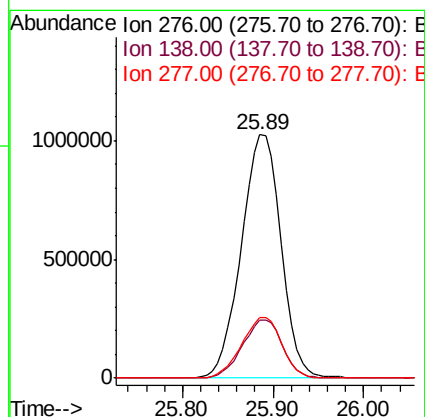
RT: 25.89 min Scan# 3876

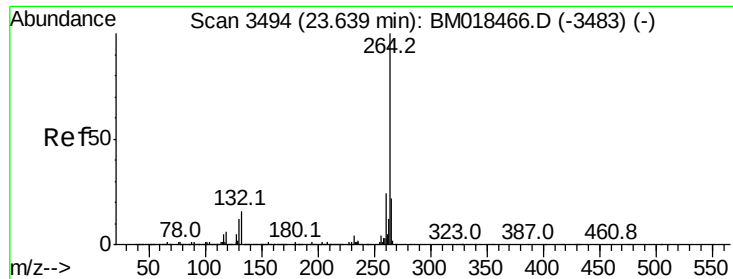
Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:	276	Resp:	3120011
Ion Ratio	Lower	Upper	
276	100		
138	24.2	21.5	32.3
277	25.2	20.2	30.2





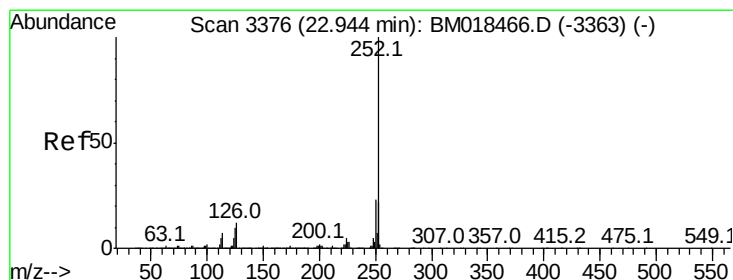
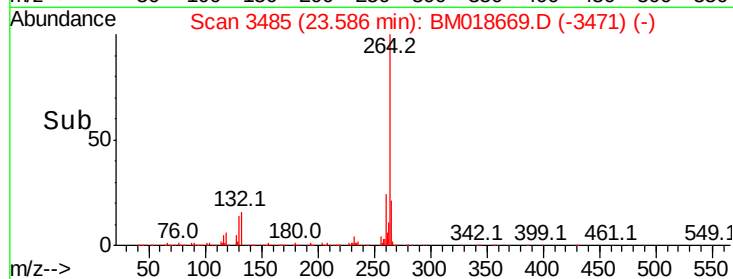
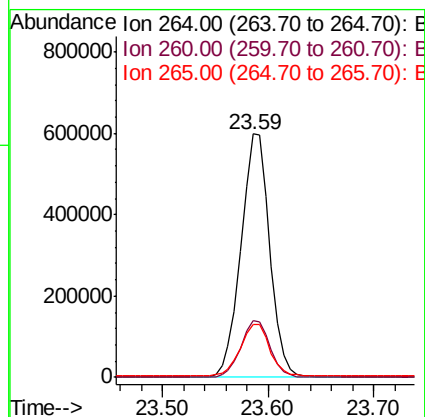
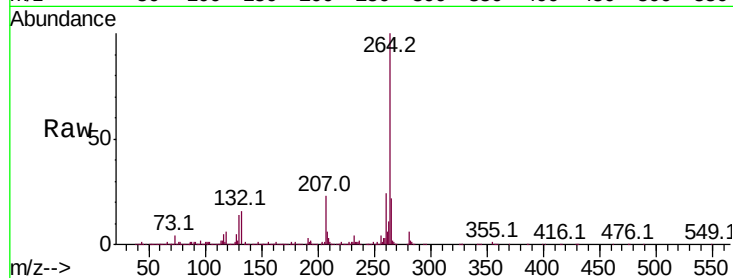
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.8	25.2

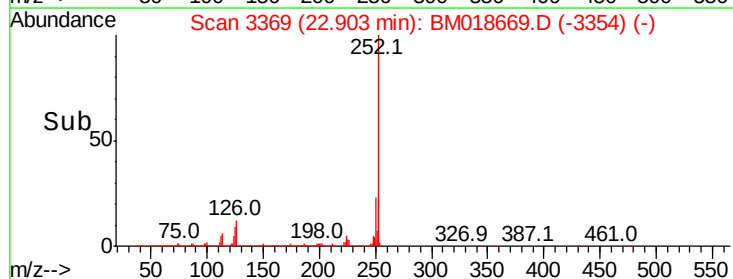
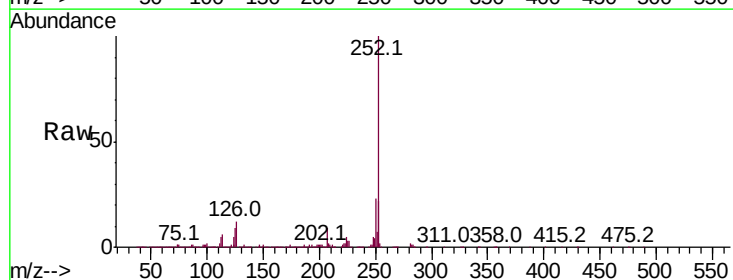
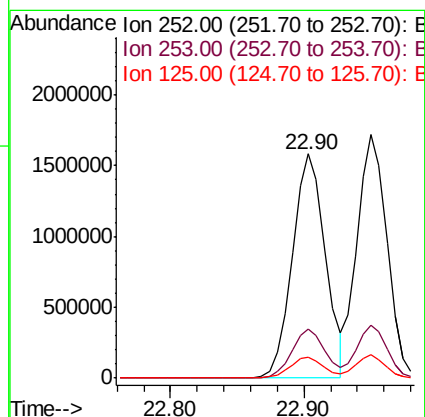
Manual Integrations
APPROVED

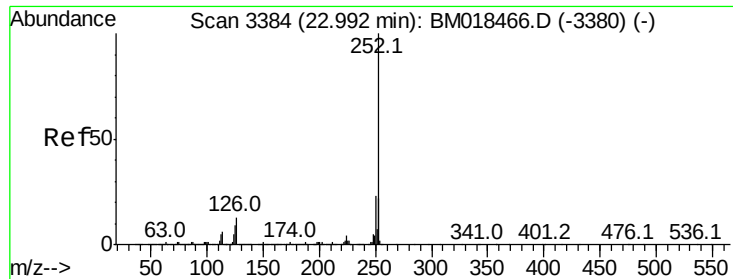
mohammad
1/29/2019 10:06:41 AM



#88
Benzo(b)fluoranthene
Concen: 41.966 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.3	8.5	12.7





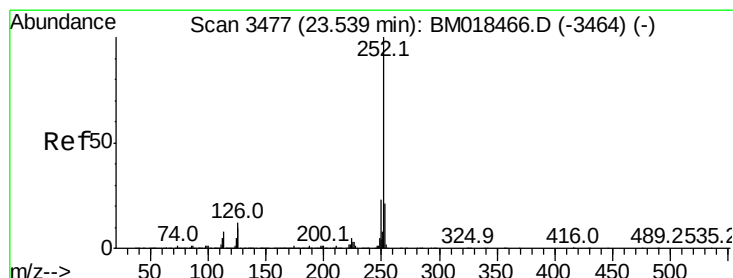
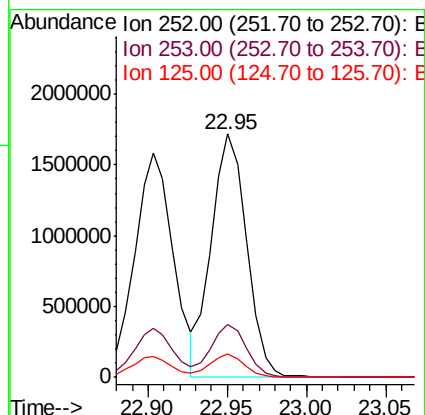
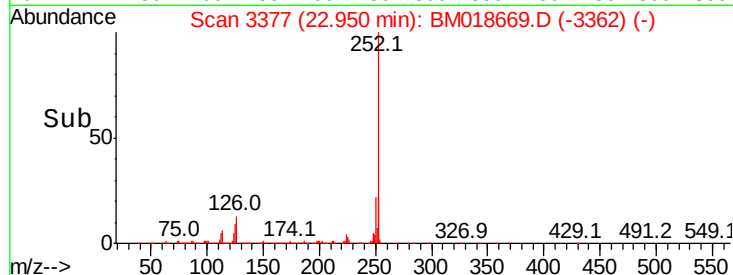
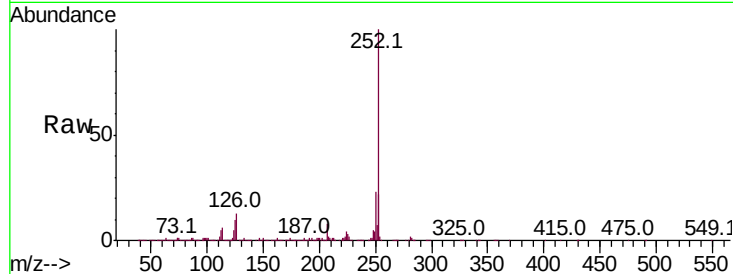
#89
Benzo(k)fluoranthene
Concen: 41.093 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion:252 Resp: 2661366
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.6 8.6 12.8

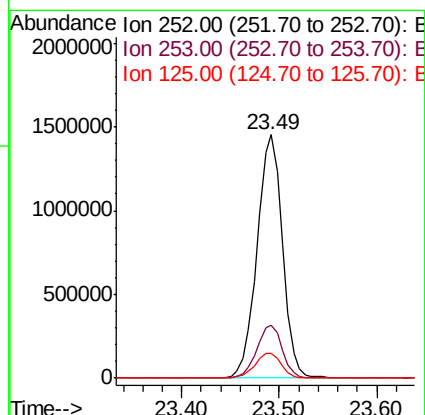
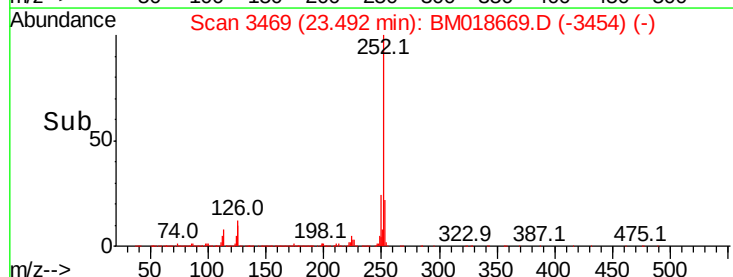
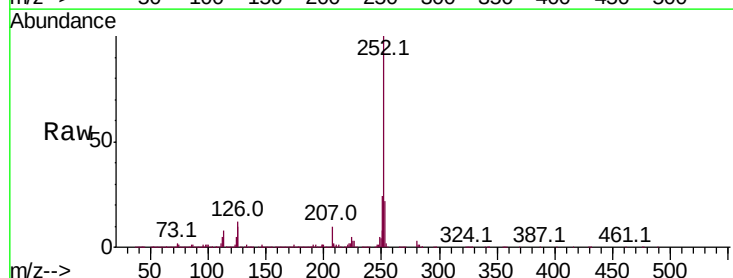
Manual Integrations
APPROVED

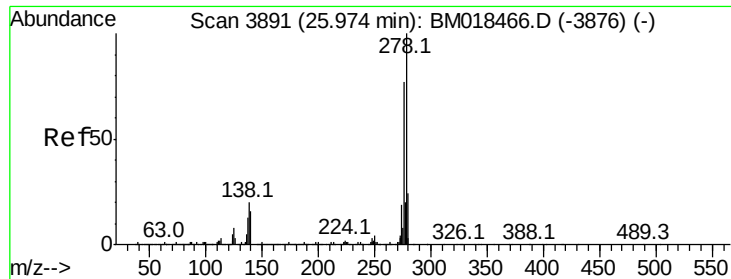
mohammad
1/29/2019 10:06:41 AM



#90
Benzo(a)pyrene
Concen: 42.902 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:252 Resp: 2639520
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 9.7 14.5





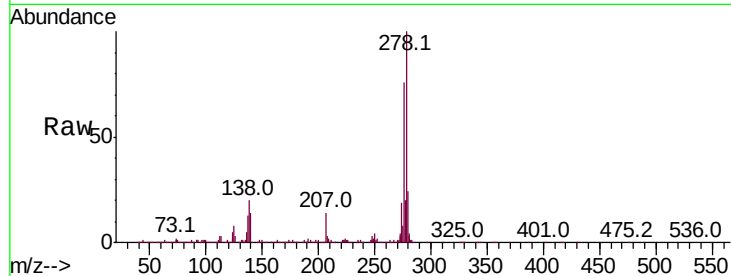
#91
Dibenzo(a,h)anthracene
Concen: 42.078 ng
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.2	19.8
279	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
1/29/2019 10:06:41 AM

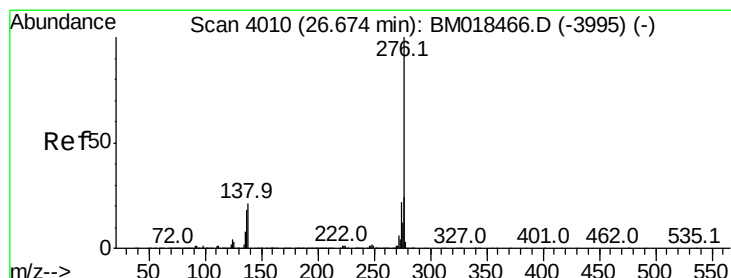
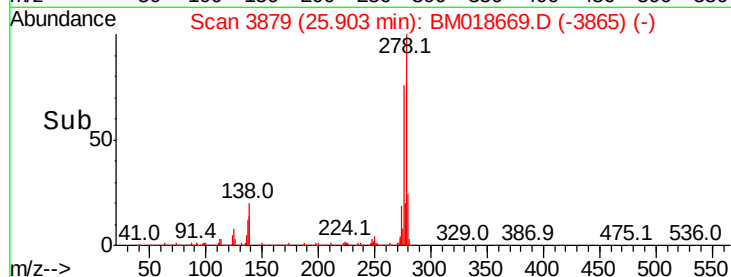
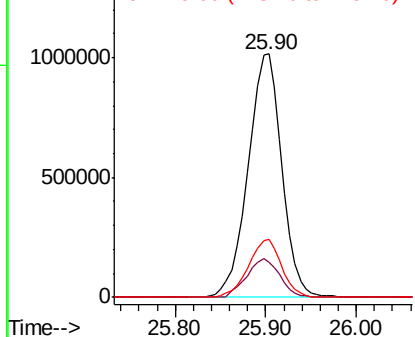


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.263 ng
RT: 26.60 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.6	18.1	27.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

